# WATER QUALITY AND STREAMFLOW DATA 1986

## Stream Monitoring Results

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# 1. INTRODUCTION

The data in this report are collected and used by the Alberta Forest Service for assessment of sub-watershed conditions. Program objectives may differ from site to site and this can affect the sampling design.

Users of these data are responsible for any conclusions they draw from them, and they are cautioned to be aware of the limitations of the data as explained in Chapters 2 and 3.

The data are managed on IBM PC and the University of Alberta computers and may be accessible to other computers.

## 2. INTERPRETATION OF WATER QUALITY PRINTOUT TABLES

This printout format was designed to meet the needs of the Alberta Forest Service streamflow and suspended sediment monitoring program. The contents of each column are explained below.

1. DATE - the month and day the sample was taken
   Example: 518 = May 18, where 5 = month (MAY)
   and 18 = day

2. TIME - 24-hour clock hours
   Example: 1300 = 1 p.m.

3. SI - Sample Interval
   - Intended for use with automatic suspended sediment samplers
   - Indicates time between samples in hours, i.e., sampling frequency

4. TY - TYpe of sample taken

   1 = grab/dip; 2 = composite/ISCO; 3 = discrete/ISCO; 4 = DH48

5. NI - Number of samples Integrated in one sample bottle; the correct term is a composite sample.

6. NUMBER - Sample Number

Files up to 1983 generally contain numbers with a zero decimal. A decimal of .3 indicates a sample taken downstream of a point source such as a bridge; .4 indicates an upstream sample. The two numbers should be sequential such as 5000.3 and 5001.4.

Files from 1984 to present contain the following number code:

Examples:

| | |
|---|---|
| 5000.1 | - single sample |
| 5001.1<br>5001.2 | - paired sample at 1 point, i.e., two samples taken simultaneously at the same site; used for computing an average |
| 5002.13<br>5003.14 | - single samples taken downstream (.13) then upstream (.14) of a point source, e.g., a culvert crossing |
| 5004.13 5004.23 | - paired downstream samples |
| 5005.14 5005.24 | - paired upstream samples |

For example, the last four numbers should appear in column 6 sequentially. Date and time should be the same for all samples.

| DATE | TIME ..... | NUMBER ..... |
|---|---|---|
| 518 | 1015 | 5004.13 |
| 518 | 1015 | 5004.23 |
| 518 | 1015 | 5005.14 |
| 518 | 1015 | 5005.24 |

| | |
|---|---|
| 5006.101<br>5006.102<br>5006.103<br>.<br>.<br>.<br>5006.1028 | - samples collected using an ISCO sampler (the zero in the second decimal place may be replaced with a three (.131) for downstream or a four (.141) for upstream). |

7. FCON - Flow CONdition
   1 = stable; 2 = rising; 3 = peak; 4 = falling; 5 = dry

8. STAGE
   - Refers to the STAGE height at the date and time of measurement

9. AC - ACtual Flow Taken
   - A  indicates an actual instantaneous streamflow measurement was taken
   - A .. indicates an estimated flow

10. FLOW - StreamFLOW in cubic metres per second
    If AC = , the flow is an actual measurement of instantaneous flow.

If a stage is given in column 8 and .. appears in column 9, the flow is a rating curve estimate.

If stage is not given, the flow is either an interpolated crest gauge estimate or a Stevens recorder estimate. See Chapter 3 for an explanation of flow measurement procedures.

11. PEAK
    - Refers to the PEAK stage recorded between the current and previous visit
    - This is not the peak stage on the current date.
    - This column was intended for use by Bow/Crow staff in their crest gauge program. The peak stage is used to estimate flows occurring between dates when actual flow measurements were taken. This is a substitute for those sites lacking continuously recording Stevens stage recorders.

12. FLOW or PFLOW - StreamFLOW at Peak stage in cubic metres per second generated from a rating curve

13. STEMP - Stream TEMPerature in Celsius degrees

14. ATEMP - Air TEMPerature in Celsius degrees

15. PREC - PRECipitation

- The recorded value is how much precipitation has fallen since the last visit to the monitoring site.
- It is not how much precipitation fell on the date of the current visit.

16. CONC - CONCentration of suspended solids in mg/L, filtered to 1.5 micrometres

17. TURB - TURBidity of the sample in Jackson Turbidity Units (JTU) or Nephelometric Turbidity Units (NTU)

18. COND - CONDuctivity of sample in micromhos

This figure is not always representative of the conductivity at the time of sampling. Samples are not always analysed immediately, nor stored at cold temperatures. Delays of up to three weeks or more can occur before analysis is done.

19. pH - analysed occasionally. Cautions for 18. COND above apply.

## 2.1 Additional Information in the Header

PHASE 3 Code - a six-level alphanumeric watershed map code ranging from ocean drainage to sub-watershed

AREA - the area in hectares of the watershed above the monitoring site

LOCATION - legal subdivision, section, township, range, meridian

LAT/LONG - latitude/longitude co-ordinates

RATING CURVE - regression equation used to predict flow from stage height

## 3. INTERPRETATION OF STREAMFLOW TABLES

The data in the streamflow tables are obtained using one of the three methods described below.

### 3.1 Stevens Stage Recorder - Stilling Well

Sufficient open channel flow measurements are made each year to generate a rating curve, which is usually in the form FLOW = $aX^b$ or $ax^2 + bx + c$, where X = STAGE HEIGHT in metres. The strip chart is then digitized to give daily average streamflows.

### 3.2 Crest Gauge Estimates

#### 3.2.1 Standard Crest Gauge

Streamflow measurements are taken frequently and a rating curve is generated using stage heights from the crest gauge. Since a continuous record of stage is lacking, daily average flows are estimated for the dates between actual measurements by means of linear interpolation. It is assumed that the peak flow recorded between visits occurred midway between visits. This peak flow is adjusted down to represent a daily average estimate. This adjustment factor is based on the ratio of maximum instantaneous daily flow to daily average flow derived from data from other monitored creeks in the vicinity. Each instantaneous flow measurement is assumed to be the daily average flow.

This is an estimation procedure and it is used only if a continuous stage recorder is not available. The user is cautioned to treat the data accordingly.

TABLE 1
WATER QUALITY DATA FOR CACHE CREEK, BOW CROW FOREST, 1986
MAY 16, 1986 - SEPTEMBER 11, 1986

FOREST:BOW/CROW
CREEK: CACHE
COMMENTS: CREST GAUGE, ISCO

PHASE 3 CODE: H16 A14 E3
LOCATION : 5-2-13-5-W5
RATING CURVE : FLOW=-.411+4.819*STAGE

AREA : 2320 HA
LAT/LON: 50 03'/ 114 35'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 516 | 1125 | ..... | 4 | 1 | 10101.1 | ..... | 0.170 | 1 | 0.217 | ..... | ..... | 2.0 | 5.0 | ..... | 1.0 | 0.3 | 300 | |
| 2 | 516 | 1800 | 12 | 3 | 1 | 10105.101 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.3 | 0.7 | 285 | 8.2 |
| 3 | 517 | 600 | 12 | 3 | 1 | 10105.102 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.9 | 0.2 | 285 | |
| 4 | 517 | 1800 | 12 | 3 | 1 | 10105.103 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.2 | 0.2 | 280 | |
| 5 | 518 | 600 | 12 | 3 | 1 | 10105.104 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.9 | 0.3 | 290 | |
| 6 | 518 | 1800 | 12 | 3 | 1 | 10105.105 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.8 | 0.5 | 275 | 8.3 |
| 7 | 519 | 600 | 12 | 3 | 1 | 10105.106 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.5 | 0.5 | 275 | |
| 8 | 519 | 1800 | 12 | 3 | 1 | 10105.107 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.4 | 0.4 | 265 | |
| 9 | 520 | 600 | 12 | 3 | 1 | 10105.108 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10.0 | 0.4 | 250 | |
| 10 | 520 | 1800 | 12 | 3 | 1 | 10105.109 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 11.4 | 1.3 | 240 | 7.8 |
| 11 | 521 | 600 | 12 | 3 | 1 | 10105.1010 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7.2 | 0.5 | 230 | |
| 12 | 521 | 1545 | ..... | 4 | 1 | 10102.1 | 4 | 0.380 | 1 | 1.280 | 0.420 | 1.613 | 2.0 | 15.0 | ..... | 17.7 | 2.0 | 250 | |
| 13 | 521 | 1800 | 12 | 3 | 1 | 10105.1011 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13.0 | 0.5 | 230 | |
| 14 | 522 | 600 | 12 | 3 | 1 | 10105.1012 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 6.7 | 0.4 | 240 | |
| 15 | 522 | 1800 | 12 | 3 | 1 | 10105.1013 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.0 | 0.7 | 245 | 8.2 |
| 16 | 523 | 600 | 12 | 3 | 1 | 10105.1014 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.1 | 0.4 | 250 | |
| 17 | 523 | 1800 | 12 | 3 | 1 | 10105.1015 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.0 | 0.2 | 255 | |
| 18 | 524 | 1800 | 12 | 3 | 1 | 10105.1017 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.8 | 0.3 | 255 | |
| 19 | 525 | 600 | 12 | 3 | 1 | 10105.1018 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.5 | 1.1 | 245 | 8.3 |
| 20 | 525 | 1615 | ..... | 4 | 1 | 10103.1 | 2 | 0.410 | 1 | 1.385 | ..... | ..... | 4.5 | 23.0 | ..... | 37.1 | 5.5 | 235 | 7.8 |
| 21 | 525 | 1800 | 12 | 3 | 1 | 10105.1019 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 64.7 | 2.7 | 215 | |
| 22 | 526 | 600 | 12 | 3 | 1 | 10105.1020 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 31.0 | 1.6 | 210 | |
| 23 | 526 | 1800 | 12 | 3 | 1 | 10105.1021 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 98.3 | 7.1 | 190 | |
| 24 | 527 | 600 | 12 | 3 | 1 | 10105.1022 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 144.7 | 5.3 | 190 | |
| 25 | 527 | 1800 | 12 | 3 | 1 | 10105.1023 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 215.1 | 32.0 | 190 | 7.1 |
| 26 | 528 | 1800 | 12 | 3 | 1 | 10105.1025 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 164.6 | 52.0 | 185 | |
| 27 | 529 | 600 | 12 | 3 | 1 | 10105.1026 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 76.7 | 38.0 | 195 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 529 | 1800 | 12 | 3 | 1 | 10105.1027 | | | | | | | | | | 202.7 | 36.0 | 190 | |
| 29 | 605 | 1110 | ..... | 4 | 1 | 10104.1 | 4 | 0.410 | ..... | 1.565 | ..... | 3.0 | 10.0 | ..... | | 9.9 | 4.0 | 135 | |
| 30 | 606 | 1800 | 12 | 3 | 1 | 10108.102 | | | | | | | | | | 7.7 | 0.8 | 200 | 8.1 |
| 31 | 607 | 600 | 12 | 3 | 1 | 10108.103 | | | | | | | | | | 4.8 | 0.5 | 200 | |
| 32 | 607 | 1800 | 12 | 3 | 1 | 10108.104 | | | | | | | | | | 3.2 | 0.4 | 200 | |
| 33 | 608 | 600 | 12 | 3 | 1 | 10108.105 | | | | | | | | | | 6.9 | 0.6 | 200 | |
| 34 | 608 | 1800 | 12 | 3 | 1 | 10108.106 | | | | | | | | | | 4.2 | 0.5 | 200 | 8.1 |
| 35 | 609 | 600 | 12 | 3 | 1 | 10108.107 | | | | | | | | | | 4.2 | 0.6 | 205 | |
| 36 | 609 | 1800 | 12 | 3 | 1 | 10108.108 | | | | | | | | | | 3.2 | 0.3 | 200 | |
| 37 | 610 | 600 | 12 | 3 | 1 | 10108.109 | | | | | | | | | | 2.7 | 0.3 | 200 | |
| 38 | 610 | 1537 | ..... | 4 | 1 | 10106.1 | ..... | 0.430 | ..... | 1.661 | 0.700 | 2.962 | 6.0 | 20.5 | ..... | 6.0 | 0.6 | 205 | |
| 39 | 610 | 1800 | 12 | 3 | 1 | 10108.1010 | | | | | | | | | | 6.5 | 0.6 | 200 | 8.0 |
| 40 | 611 | 600 | 12 | 3 | 1 | 10108.1011 | | | | | | | | | | 5.4 | 0.5 | 200 | |
| 41 | 611 | 1800 | 12 | 3 | 1 | 10108.1012 | | | | | | | | | | 7.6 | 0.7 | 195 | |
| 42 | 612 | 600 | 12 | 3 | 1 | 10108.1013 | | | | | | | | | | 3.5 | 0.4 | 200 | |
| 43 | 612 | 1800 | 12 | 3 | 1 | 10108.1014 | | | | | | | | | | 2.9 | 0.5 | 200 | 8.0 |
| 44 | 613 | 600 | 12 | 3 | 1 | 10108.1015 | | | | | | | | | | 4.2 | 0.4 | 200 | |
| 45 | 613 | 1800 | 12 | 3 | 1 | 10108.1016 | | | | | | | | | | 2.4 | 0.4 | 200 | |
| 46 | 614 | 600 | 12 | 3 | 1 | 10108.1017 | | | | | | | | | | 2.1 | 0.4 | 210 | |
| 47 | 614 | 1800 | 12 | 3 | 1 | 10108.1018 | | | | | | | | | | 2.5 | 0.5 | 205 | 8.2 |
| 48 | 615 | 600 | 12 | 3 | 1 | 10108.1019 | | | | | | | | | | 2.4 | 0.5 | 200 | |
| 49 | 615 | 1800 | 12 | 3 | 1 | 10108.1020 | | | | | | | | | | 4.7 | 0.5 | 200 | |
| 50 | 616 | 600 | 12 | 3 | 1 | 10108.1021 | | | | | | | | | | 10.1 | 0.5 | 200 | |
| 51 | 616 | 1800 | 12 | 3 | 1 | 10108.1022 | | | | | | | | | | 10.4 | 0.6 | 205 | |
| 52 | 617 | 600 | 12 | 3 | 1 | 10108.1023 | | | | | | | | | | 9.2 | 0.5 | 210 | |
| 53 | 617 | 1000 | ..... | 4 | 1 | 10107.1 | 4 | 0.350 | 1 | 1.469 | 0.560 | 2.288 | 4.0 | 17.0 | ..... | 3.2 | 0.4 | 205 | |
| 54 | 617 | 1800 | 12 | 3 | 1 | 10110.101 | | | | | | | | | | 2.3 | 0.4 | 210 | 8.1 |
| 55 | 618 | 600 | 12 | 3 | 1 | 10110.102 | | | | | | | | | | 2.6 | 0.3 | 200 | |
| 56 | 618 | 1440 | ..... | 4 | 1 | 10109.1 | ..... | 0.330 | 1 | 1.534 | 0.355 | 1.300 | 5.0 | 17.0 | ..... | 8.3 | 0.7 | 205 | |
| 57 | 618 | 1800 | 12 | 3 | 1 | 10110.103 | | | | | | | | | | 5.0 | 1.0 | 200 | |
| 58 | 619 | 600 | 12 | 3 | 1 | 10110.104 | | | | | | | | | | 5.1 | 1.0 | 200 | |
| 59 | 619 | 1800 | 12 | 3 | 1 | 10110.105 | | | | | | | | | | 3.5 | 0.8 | 200 | 8.1 |
| 60 | 620 | 600 | 12 | 3 | 1 | 10110.106 | | | | | | | | | | 5.7 | 1.5 | 210 | |
| 61 | 620 | 1800 | 12 | 3 | 1 | 10110.107 | | | | | | | | | | 5.2 | 0.6 | 200 | |
| 62 | 621 | 600 | 12 | 3 | 1 | 10110.108 | | | | | | | | | | 4.6 | 0.7 | 215 | |
| 63 | 621 | 1800 | 12 | 3 | 1 | 10110.109 | | | | | | | | | | 9.1 | 1.7 | ..... | 8.2 |
| 64 | 622 | 600 | 12 | 3 | 1 | 10110.1010 | | | | | | | | | | 8.8 | 1.6 | ..... | |
| 65 | 622 | 1800 | 12 | 3 | 1 | 10110.1011 | | | | | | | | | | 12.5 | 1.7 | ..... | |
| 66 | 623 | 600 | 12 | 3 | 1 | 10110.1012 | | | | | | | | | | 3.5 | 0.4 | ..... | |
| 67 | 623 | 1335 | ..... | 4 | 1 | 10111.1 | ..... | 0.305 | 1 | 0.950 | 0.400 | 1.517 | 7.0 | 22.0 | ..... | 2.0 | 0.3 | 220 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 623 | 1800 | ..... | 3 | 1 | 10113.1 | ..... | | | | | | | | 6.3 | 0.5 | 210 | 7.8 |
| 69 | 624 | 600 | 12 | 3 | 1 | 10113.102 | ..... | | | | | | | | 4.7 | 0.5 | 205 | |
| 70 | 624 | 1800 | 12 | 3 | 1 | 10113.103 | ..... | | | | | | | | 4.3 | 0.5 | 200 | |
| 71 | 625 | 600 | 12 | 3 | 1 | 10113.104 | ..... | | | | | | | | 2.9 | 0.4 | 200 | |
| 72 | 625 | 1800 | 12 | 3 | 1 | 10113.105 | ..... | | | | | | | | 2.6 | 0.3 | 195 | 7.8 |
| 73 | 626 | 600 | 12 | 3 | 1 | 10113.106 | ..... | | | | | | | | 3.2 | 0.7 | 200 | |
| 74 | 626 | 1800 | 12 | 3 | 1 | 10113.107 | ..... | | | | | | | | 2.6 | 0.4 | 200 | |
| 75 | 627 | 600 | 12 | 3 | 1 | 10113.108 | ..... | | | | | | | | 2.7 | 0.4 | 200 | |
| 76 | 627 | 1320 | ..... | 4 | 1 | 10112.1 | ..... | 0.290 | 1 | 0.850 | 0.340 | 1.227 | 5.5 | 18.0 ..... | 0.7 | 0.3 | 195 | 8.1 |
| 77 | 627 | 1800 | 12 | 3 | 1 | 10113.109 | ..... | | | | | | | | 3.2 | 0.4 | 200 | 7.9 |
| 78 | 628 | 600 | 12 | 3 | 1 | 10113.1010 | ..... | | | | | | | | 2.9 | 0.5 | 200 | |
| 79 | 628 | 1800 | 12 | 3 | 1 | 10113.1011 | ..... | | | | | | | | 2.9 | 0.6 | 200 | |
| 80 | 629 | 600 | 12 | 3 | 1 | 10113.1012 | ..... | | | | | | | | 2.4 | 0.5 | 200 | |
| 81 | 629 | 1800 | 12 | 3 | 1 | 10113.1013 | ..... | | | | | | | | 2.6 | 0.3 | 200 | 7.8 |
| 82 | 630 | 600 | 12 | 3 | 1 | 10113.1014 | ..... | | | | | | | | 3.8 | 0.5 | 195 | |
| 83 | 630 | 1800 | 12 | 3 | 1 | 10113.1015 | ..... | | | | | | | | 3.2 | 0.4 | 200 | |
| 84 | 701 | 600 | 12 | 3 | 1 | 10113.1016 | ..... | | | | | | | | 1.8 | 0.4 | 200 | |
| 85 | 701 | 1800 | 12 | 3 | 1 | 10113.1017 | ..... | | | | | | | | 3.2 | 0.6 | 200 | 7.8 |
| 86 | 702 | 600 | 12 | 3 | 1 | 10113.1018 | ..... | | | | | | | | 6.5 | 0.3 | 200 | |
| 87 | 702 | 1800 | 12 | 3 | 1 | 10113.1019 | ..... | | | | | | | | 3.8 | 0.4 | 200 | |
| 88 | 703 | 600 | 12 | 3 | 1 | 10113.1020 | ..... | | | | | | | | 3.8 | 0.4 | 205 | |
| 89 | 703 | 1800 | 12 | 3 | 1 | 10113.1021 | ..... | | | | | | | | 4.1 | 0.6 | 200 | |
| 90 | 704 | 600 | 12 | 3 | 1 | 10113.1022 | ..... | | | | | | | | 4.1 | 0.4 | 210 | |
| 91 | 704 | 1310 | ..... | 4 | 1 | 10114.1 | 4 | 0.255 | 1 | 0.924 | 0.330 | 1.179 | 4.0 | 7.0 ..... | 1.2 | 0.3 | 205 | 7.9 |
| 92 | 704 | 1800 | 12 | 3 | 1 | 10116.101 | ..... | | | | | | | | 1.5 | 0.3 | 205 | 8.0 |
| 93 | 705 | 600 | 12 | 3 | 1 | 10116.102 | ..... | | | | | | | | 2.3 | 0.4 | 210 | |
| 94 | 705 | 1800 | 12 | 3 | 1 | 10116.103 | ..... | | | | | | | | 1.8 | 0.4 | 210 | |
| 95 | 706 | 600 | 12 | 3 | 1 | 10116.104 | ..... | | | | | | | | 3.6 | 0.8 | 210 | |
| 96 | 706 | 1800 | 12 | 3 | 1 | 10116.105 | ..... | | | | | | | | 2.1 | 0.5 | 210 | 8.0 |
| 97 | 707 | 600 | 12 | 3 | 1 | 10116.106 | ..... | | | | | | | | 1.5 | 0.4 | 210 | |
| 98 | 707 | 1800 | 12 | 3 | 1 | 10116.107 | ..... | | | | | | | | 1.5 | 0.3 | 210 | |
| 99 | 708 | 600 | 12 | 3 | 1 | 10116.108 | ..... | | | | | | | | 0.9 | 0.6 | 210 | |
| 100 | 708 | 1800 | 12 | 3 | 1 | 10116.109 | ..... | | | | | | | | 0.9 | 0.5 | 205 | 8.0 |
| 101 | 709 | 600 | 12 | 3 | 1 | 10116.1010 | ..... | | | | | | | | 0.6 | 0.4 | 205 | |
| 102 | 709 | 1055 | ..... | 4 | 1 | 10115.1 | 4 | 0.235 | 1 | 0.878 | 0.275 | 0.914 | 6.0 | 14.5 ..... | 0.2 | 0.3 | 210 | |
| 103 | 709 | 1800 | 12 | 3 | 1 | 10116.1011 | ..... | | | | | | | | 0.6 | 0.3 | 205 | |
| 104 | 710 | 600 | 12 | 3 | 1 | 10116.1012 | ..... | | | | | | | | 1.8 | 0.4 | 210 | |
| 105 | 710 | 1800 | 12 | 3 | 1 | 10116.1013 | ..... | | | | | | | | 0.9 | 0.4 | 205 | 8.0 |
| 106 | 711 | 600 | 12 | 3 | 1 | 10116.1014 | ..... | | | | | | | | 0.9 | 0.4 | 205 | |
| 107 | 711 | 1800 | 12 | 3 | 1 | 10116.1015 | ..... | | | | | | | | 2.9 | 0.4 | 205 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 712 | 600 | 12 | 3 | 1 | 10116.1016 | | | | | | | | | | 1.8 | 0.5 | 210 | |
| 109 | 712 | 1800 | 12 | 3 | 1 | 10116.1017 | | | | | | | | | | 0.6 | 0.4 | 210 | 7.9 |
| 110 | 713 | 600 | 12 | 3 | 1 | 10116.1018 | | | | | | | | | | 1.5 | 0.3 | 210 | |
| 111 | 713 | 1800 | 12 | 3 | 1 | 10116.1019 | | | | | | | | | | 1.2 | 0.5 | 210 | |
| 112 | 714 | 600 | 12 | 3 | 1 | 10116.1020 | | | | | | | | | | 0.6 | 0.4 | 210 | |
| 113 | 714 | 1800 | 12 | 3 | 1 | 10116.1021 | | | | | | | | | | 2.7 | 0.6 | 210 | 8.0 |
| 114 | 715 | 600 | 12 | 3 | 1 | 10116.1022 | | | | | | | | | | 4.1 | 0.5 | 200 | |
| 115 | 715 | 1335 | ..... | 4 | 1 | 10117.1 | 4 | 0.190 | 1 | 0.609 | 0.280 | 0.938 | 6.5 | 17.5 | ..... | 0.8 | 0.4 | 215 | |
| 116 | 715 | 1800 | 12 | 3 | 1 | 10120.101 | | | | | | | | | | 0.9 | 0.3 | 210 | 8.1 |
| 117 | 716 | 600 | 12 | 3 | 1 | 10120.102 | | | | | | | | | | 0.9 | 0.4 | 215 | |
| 118 | 716 | 1800 | 12 | 3 | 1 | 10120.103 | | | | | | | | | | 0.0 | 0.3 | 210 | |
| 119 | 717 | 600 | 12 | 3 | 1 | 10120.104 | | | | | | | | | | 2.4 | 0.3 | 215 | |
| 120 | 717 | 1800 | 12 | 3 | 1 | 10120.105 | | | | | | | | | | 1.5 | 0.3 | 200 | 8.1 |
| 121 | 718 | 600 | 12 | 3 | 1 | 10120.106 | | | | | | | | | | 0.6 | 0.2 | 215 | |
| 122 | 718 | 1800 | 12 | 3 | 1 | 10120.107 | | | | | | | | | | 0.0 | 0.2 | 210 | |
| 123 | 719 | 600 | 12 | 3 | 1 | 10120.108 | | | | | | | | | | 0.6 | 0.3 | 215 | |
| 124 | 719 | 1135 | ..... | 4 | 1 | 10118.1 | 1 | 0.185 | 1 | 0.596 | 0.215 | 0.625 | 6.5 | 18.5 | ..... | 1.2 | 0.3 | 220 | 8.1 |
| 125 | 719 | 1800 | 12 | 3 | 1 | 10120.109 | | | | | | | | | | 0.3 | 0.2 | 210 | 8.1 |
| 126 | 720 | 600 | 12 | 3 | 1 | 10120.1010 | | | | | | | | | | 0.9 | 0.3 | 210 | |
| 127 | 720 | 1800 | 12 | 3 | 1 | 10120.1011 | | | | | | | | | | 0.0 | 0.2 | 210 | |
| 128 | 721 | 600 | 12 | 3 | 1 | 10120.1012 | | | | | | | | | | 0.9 | 0.2 | 210 | |
| 129 | 721 | 1800 | 12 | 3 | 1 | 10120.1013 | | | | | | | | | | 1.2 | 0.3 | 210 | 8.1 |
| 130 | 722 | 600 | 12 | 3 | 1 | 10120.1014 | | | | | | | | | | 1.8 | 0.2 | 205 | |
| 131 | 722 | 1800 | 12 | 3 | 1 | 10120.1015 | | | | | | | | | | 0.3 | 0.3 | 215 | |
| 132 | 723 | 600 | 12 | 3 | 1 | 10120.1016 | | | | | | | | | | 0.0 | 0.3 | 220 | |
| 133 | 723 | 1250 | ..... | 4 | 1 | 10119.1 | 1 | 0.230 | 1 | 0.548 | 0.230 | 0.697 | 6.0 | 14.0 | ..... | 1.0 | 0.3 | 210 | 8.2 |
| 134 | 723 | 1800 | 12 | 3 | 1 | 10123.101 | | | | | | | | | | 1.8 | 0.3 | 220 | |
| 135 | 724 | 600 | 12 | 3 | 1 | 10123.102 | | | | | | | | | | 0.6 | 0.3 | 230 | |
| 136 | 724 | 1800 | 12 | 3 | 1 | 10123.103 | | | | | | | | | | 1.8 | 0.4 | 230 | |
| 137 | 725 | 600 | 12 | 3 | 1 | 10123.104 | | | | | | | | | | 0.9 | 0.2 | 230 | |
| 138 | 725 | 1800 | 12 | 3 | 1 | 10123.105 | | | | | | | | | | 1.2 | 0.4 | 230 | |
| 139 | 726 | 600 | 12 | 3 | 1 | 10123.106 | | | | | | | | | | 1.2 | 0.3 | 230 | |
| 140 | 726 | 1800 | 12 | 3 | 1 | 10123.107 | | | | | | | | | | 1.2 | 0.2 | 230 | |
| 141 | 727 | 600 | 12 | 3 | 1 | 10123.108 | | | | | | | | | | 1.2 | 0.5 | 230 | |
| 142 | 727 | 1800 | 12 | 3 | 1 | 10123.109 | | | | | | | | | | 0.9 | 0.3 | 230 | |
| 143 | 728 | 600 | 12 | 3 | 1 | 10123.1010 | | | | | | | | | | 1.8 | 0.6 | 230 | |
| 144 | 728 | 1800 | 12 | 3 | 1 | 10123.1011 | | | | | | | | | | 1.2 | 0.3 | 230 | |
| 145 | 729 | 600 | 12 | 3 | 1 | 10123.1012 | | | | | | | | | | 1.5 | 0.3 | 235 | |
| 146 | 729 | 1800 | 12 | 3 | 1 | 10123.1013 | | | | | | | | | | 1.2 | 0.2 | 230 | |
| 147 | 730 | 600 | 12 | 3 | 1 | 10123.1014 | | | | | | | | | | 3.0 | 0.3 | 230 | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 730 | 1020 | ..... | 4 | 1 | 10121.1 | 4 | 0.210 | 1 | 0.568 | 0.230 | 0.697 | 4.5 | 11.0 | ..... | 0.5 | 0.2 | 215 | |
| 149 | 730 | 1800 | 12 | 3 | 1 | 10123.1015 | ..... | | | | | | | | | 0.9 | 0.3 | 230 | |
| 150 | 731 | 600 | 12 | 3 | 1 | 10123.1016 | ..... | | | | | | | | | 1.5 | 0.2 | 235 | |
| 151 | 731 | 1800 | 12 | 3 | 1 | 10123.1017 | ..... | | | | | | | | | 1.5 | 0.4 | 230 | |
| 152 | 801 | 600 | 12 | 3 | 1 | 10123.1018 | ..... | | | | | | | | | 2.7 | 0.3 | 240 | |
| 153 | 801 | 1105 | ..... | 4 | 1 | 10122.1 | 1 | 0.190 | 1 | 0.486 | 0.195 | 0.529 | 5.5 | 23.0 | ..... | 0.9 | 0.2 | 220 | |
| 154 | 801 | 1800 | 12 | 3 | 1 | 10123.1019 | ..... | | | | | | | | | 1.5 | 0.3 | 235 | |
| 155 | 802 | 600 | 12 | 3 | 1 | 10123.1020 | ..... | | | | | | | | | 4.0 | 0.5 | 240 | |
| 156 | 802 | 1800 | 12 | 3 | 1 | 10123.1021 | ..... | | | | | | | | | 3.3 | 0.3 | 230 | 8.2 |
| 157 | 803 | 600 | 12 | 3 | 1 | 10123.1022 | ..... | | | | | | | | | 5.0 | 0.3 | 235 | |
| 158 | 803 | 1800 | 12 | 3 | 1 | 10123.1023 | ..... | | | | | | | | | 8.2 | 0.5 | 230 | |
| 159 | 804 | 600 | 12 | 3 | 1 | 10123.1024 | ..... | | | | | | | | | 3.0 | 0.3 | 235 | |
| 160 | 804 | 1800 | 12 | 3 | 1 | 10123.1025 | ..... | | | | | | | | | 9.0 | 0.5 | 230 | 8.2 |
| 161 | 805 | 600 | 12 | 3 | 1 | 10123.1026 | ..... | | | | | | | | | 7.9 | 0.5 | 235 | |
| 162 | 805 | 1800 | 12 | 3 | 1 | 10123.1027 | ..... | | | | | | | | | 8.8 | 0.6 | 230 | |
| 163 | 806 | 600 | 12 | 3 | 1 | 10123.1028 | ..... | | | | | | | | | 5.0 | 0.2 | 240 | |
| 164 | 808 | 1045 | ..... | 4 | 1 | 10124.1 | ..... | 0.170 | 1 | 0.452 | 0.200 | 0.553 | 5.5 | 25.0 | ..... | 0.5 | 0.2 | 220 | |
| 165 | 808 | 1800 | 12 | 3 | 1 | 10127.101 | ..... | | | | | | | | | 1.8 | 0.4 | 220 | 8.2 |
| 166 | 809 | 600 | 12 | 3 | 1 | 10127.102 | ..... | | | | | | | | | 8.9 | 0.9 | 240 | |
| 167 | 809 | 1800 | 12 | 3 | 1 | 10127.103 | ..... | | | | | | | | | 1.8 | 0.3 | 225 | |
| 168 | 810 | 600 | 12 | 3 | 1 | 10127.104 | ..... | | | | | | | | | 3.0 | 0.3 | 230 | |
| 169 | 810 | 1800 | 12 | 3 | 1 | 10127.105 | ..... | | | | | | | | | 5.2 | 0.4 | 230 | 8.2 |
| 170 | 811 | 600 | 12 | 3 | 1 | 10127.106 | ..... | | | | | | | | | 2.4 | 0.3 | 230 | |
| 171 | 811 | 1105 | ..... | 4 | 1 | 10125.1 | ..... | 0.170 | 1 | 0.379 | 0.180 | 0.456 | 7.0 | 21.0 | ..... | 0.7 | 0.2 | 290 | |
| 172 | 811 | 1800 | 12 | 3 | 1 | 10127.107 | ..... | | | | | | | | | 2.0 | 0.2 | 230 | |
| 173 | 812 | 600 | 12 | 3 | 1 | 10127.108 | ..... | | | | | | | | | 3.2 | 0.2 | 235 | |
| 174 | 812 | 1800 | 12 | 3 | 1 | 10127.109 | ..... | | | | | | | | | 2.6 | 0.3 | 230 | 8.3 |
| 175 | 813 | 600 | 12 | 3 | 1 | 10127.1010 | ..... | | | | | | | | | 2.9 | 0.3 | 230 | |
| 176 | 813 | 1800 | 12 | 3 | 1 | 10127.1011 | ..... | | | | | | | | | 1.7 | 0.3 | 230 | |
| 177 | 814 | 600 | 12 | 3 | 1 | 10127.1012 | ..... | | | | | | | | | 1.8 | 0.3 | 230 | |
| 178 | 814 | 955 | ..... | 4 | 1 | 10126.1 | ..... | 0.160 | 1 | 0.366 | 0.170 | 0.408 | 6.0 | 18.0 | ..... | 0.0 | 0.1 | 240 | |
| 179 | 814 | 1800 | 12 | 3 | 1 | 10127.1013 | ..... | | | | | | | | | 0.3 | 0.4 | 230 | 8.3 |
| 180 | 815 | 600 | 12 | 3 | 1 | 10127.1014 | ..... | | | | | | | | | 2.4 | 0.3 | 230 | |
| 181 | 815 | 1800 | 12 | 3 | 1 | 10127.1015 | ..... | | | | | | | | | 2.1 | 0.4 | 230 | |
| 182 | 816 | 600 | 12 | 3 | 1 | 10127.1016 | ..... | | | | | | | | | 1.8 | 0.3 | 230 | |
| 183 | 816 | 1800 | 12 | 3 | 1 | 10127.1017 | ..... | | | | | | | | | 2.9 | 0.4 | 230 | 8.3 |
| 184 | 817 | 600 | 12 | 3 | 1 | 10127.1018 | ..... | | | | | | | | | 3.6 | 0.3 | 230 | |
| 185 | 817 | 1000 | ..... | 4 | 1 | 10128.1 | 1 | 0.175 | 1 | 0.335 | 0.175 | 0.432 | 5.0 | 15.5 | ..... | 3.8 | 0.4 | 230 | |
| 186 | 817 | 1800 | 12 | 3 | 1 | 10130.101 | ..... | | | | | | | | | 2.7 | 0.3 | 220 | 8.0 |
| 187 | 818 | 600 | 12 | 3 | 1 | 10130.102 | ..... | | | | | | | | | 2.1 | 0.5 | 220 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 818 | 1800 | 12 | 3 | 1 | 10130.103 | | | | | | | | | 0.6 | 0.3 | 220 | |
| 189 | 819 | 600 | 12 | 3 | 1 | 10130.104 | | | | | | | | | 3.2 | 0.5 | 225 | |
| 190 | 819 | 1800 | 12 | 3 | 1 | 10130.105 | | | | | | | | | 2.1 | 0.4 | 220 | 8.1 |
| 191 | 820 | 600 | 12 | 3 | 1 | 10130.106 | | | | | | | | | 2.1 | 0.3 | 225 | |
| 192 | 820 | 1800 | 12 | 3 | 1 | 10130.107 | | | | | | | | | 2.6 | 0.2 | 220 | |
| 193 | 821 | 600 | 12 | 3 | 1 | 10130.108 | | | | | | | | | 3.2 | 0.3 | 220 | |
| 194 | 821 | 1800 | 12 | 3 | 1 | 10130.109 | | | | | | | | | 2.4 | 0.3 | 220 | 8.2 |
| 195 | 822 | 600 | 12 | 3 | 1 | 10130.1010 | | | | | | | | | 2.7 | 0.4 | 220 | |
| 196 | 822 | 1800 | 12 | 3 | 1 | 10130.1011 | | | | | | | | | 1.5 | 0.3 | 220 | |
| 197 | 823 | 600 | 12 | 3 | 1 | 10130.1012 | | | | | | | | | 2.4 | 0.3 | 225 | |
| 198 | 823 | 1800 | 12 | 3 | 1 | 10130.1013 | | | | | | | | | 3.0 | 0.3 | 220 | 8.2 |
| 199 | 824 | 600 | 12 | 3 | 1 | 10130.1014 | | | | | | | | | 3.3 | 0.3 | 220 | |
| 200 | 824 | 1800 | 12 | 3 | 1 | 10130.1015 | | | | | | | | | 2.1 | 0.4 | 225 | |
| 201 | 825 | 600 | 12 | 3 | 1 | 10130.1016 | | | | | | | | | 3.6 | 0.3 | 230 | |
| 202 | 825 | 1800 | 12 | 3 | 1 | 10130.1017 | | | | | | | | | 4.2 | 0.4 | 230 | 8.2 |
| 203 | 826 | 600 | 12 | 3 | 1 | 10130.1018 | | | | | | | | | 4.2 | 0.4 | 230 | |
| 204 | 826 | 1800 | 12 | 3 | 1 | 10130.1019 | | | | | | | | | 2.6 | 0.3 | 230 | |
| 205 | 827 | 600 | 12 | 3 | 1 | 10130.1020 | | | | | | | | | 4.2 | 0.4 | 235 | |
| 206 | 827 | 1035 | ..... | 4 | 1 | 10129.1 | 4 | 0.150 | ..... | 0.312 | 0.170 | 0.408 | 5.5 | 18.5 | 2.4 | 0.2 | 220 | |
| 207 | 827 | 2200 | 12 | 3 | 1 | 10368.101 | | | | | | | | | 3.6 | 0.4 | 230 | 8.5 |
| 208 | 828 | 1000 | 12 | 3 | 1 | 10368.102 | | | | | | | | | 2.3 | 0.2 | 230 | |
| 209 | 828 | 2200 | 12 | 3 | 1 | 10368.103 | | | | | | | | | 2.6 | 0.3 | 230 | |
| 210 | 829 | 1000 | 12 | 3 | 1 | 10368.104 | | | | | | | | | 2.3 | 0.2 | 230 | |
| 211 | 829 | 2200 | 12 | 3 | 1 | 10368.105 | | | | | | | | | 1.7 | 0.3 | 230 | 8.4 |
| 212 | 830 | 1000 | 12 | 3 | 1 | 10368.106 | | | | | | | | | 1.8 | 0.3 | 230 | |
| 213 | 830 | 2200 | 12 | 3 | 1 | 10368.107 | | | | | | | | | 3.2 | 0.2 | 220 | |
| 214 | 831 | 1000 | 12 | 3 | 1 | 10368.108 | | | | | | | | | 2.3 | 0.3 | 220 | |
| 215 | 831 | 2200 | 12 | 3 | 1 | 10368.109 | | | | | | | | | 2.3 | 0.3 | 220 | 8.5 |
| 216 | 901 | 1000 | 12 | 3 | 1 | 10368.1010 | | | | | | | | | 2.0 | 0.3 | 215 | |
| 217 | 901 | 2200 | 12 | 3 | 1 | 10368.1011 | | | | | | | | | 2.9 | 0.3 | 215 | |
| 218 | 902 | 1000 | 12 | 3 | 1 | 10368.1012 | | | | | | | | | 2.0 | 0.2 | 210 | |
| 219 | 902 | 2200 | 12 | 3 | 1 | 10368.1013 | | | | | | | | | 1.2 | 0.3 | 210 | 8.6 |
| 220 | 903 | 1000 | 12 | 3 | 1 | 10368.1014 | | | | | | | | | 1.5 | 0.3 | 210 | |
| 221 | 903 | 2200 | 12 | 3 | 1 | 10368.1015 | | | | | | | | | 1.7 | 0.2 | 220 | |
| 222 | 904 | 1000 | 12 | 3 | 1 | 10368.1016 | | | | | | | | | 1.7 | 0.3 | 220 | |
| 223 | 904 | 2200 | 12 | 3 | 1 | 10368.1017 | | | | | | | | | 2.0 | 0.3 | 220 | 8.6 |
| 224 | 905 | 1000 | 12 | 3 | 1 | 10368.1018 | | | | | | | | | 1.4 | 0.3 | 220 | |
| 225 | 905 | 2200 | 12 | 3 | 1 | 10368.1019 | | | | | | | | | 1.7 | 0.3 | 220 | |
| 226 | 906 | 1000 | 12 | 3 | 1 | 10368.1020 | | | | | | | | | 1.4 | 0.3 | 225 | |
| 227 | 906 | 2200 | 12 | 3 | 1 | 10368.1021 | | | | | | | | | 1.7 | 0.3 | 225 | 8.5 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 907 | 2200 | 12 | 3 | 1 | 10368.1023 | ..... | | | | | | | | | 5.5 | 0.7 | 220 | | |
| 229 | 908 | 1000 | 12 | 3 | 1 | 10368.1024 | ..... | | | | | | | | | 2.6 | 0.4 | 225 | | |
| 230 | 908 | 2200 | 12 | 3 | 1 | 10368.1025 | ..... | | | | | | | | | 3.4 | 0.4 | 225 | | |
| 231 | 909 | 1000 | 12 | 3 | 1 | 10368.1026 | ..... | | | | | | | | | 4.7 | 0.7 | 225 | 8.4 | |
| 232 | 909 | 2200 | 12 | 3 | 1 | 10368.1027 | ..... | | | | | | | | | 3.4 | 0.4 | 220 | | |
| 233 | 910 | 1000 | 12 | 3 | 1 | 10368.1028 | ..... | | | | | | | | | 3.1 | 0.4 | 225 | | |
| 234 | 911 | 1405 | ..... | 4 | 1 | 10369.1 | 4 | 0.190 | ..... | 0.505 | 0.195 | 0.529 | 3.5 | 4.5 | ..... | 2.2 | 0.6 | 215 | | |

TABLE 2
WATER QUALITY DATA FOR SOUTH CASTLE CREEK, BOW CROW FOREST, 1986
MAY 23, 1986 - AUGUST 26, 1986

FOREST:BOW/CROW
CREEK: CASTLE SOUTH

PHASE 3 CODE: H16 C11 C4
LOCATION: 2-6-4-2-W5

AREA : 1818 HA
LAT/LON: 49 11'/ 114 17'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 523 | 1510 | ..... | 1 | 1 | 10191.1 | ..... | | | | | | 5.0 | 21.0 | ..... | 3.5 | 1.0 | 190 | |
| 2 | 604 | 1345 | ..... | 4 | 1 | 10192.1 | ..... | | | | | | 5.0 | 16.0 | ..... | 4.4 | 5.2 | 165 | |
| 3 | 607 | 1352 | ..... | 4 | 1 | 10193.1 | ..... | | | | | | 5.0 | 18.0 | ..... | 2.6 | 0.6 | 160 | 7.8 |
| 4 | 612 | 1320 | ..... | 4 | 1 | 10194.1 | ..... | | | | | | 6.0 | 20.0 | ..... | 6.5 | 0.2 | 240 | |
| 5 | 616 | 1405 | ..... | 4 | 1 | 10195.1 | ..... | | | | | | 7.0 | 20.0 | ..... | 1.4 | 0.5 | 195 | |
| 6 | 620 | 1335 | ..... | 4 | 1 | 10196.1 | ..... | | | | | | 5.0 | 20.0 | ..... | 2.2 | 0.5 | 205 | 7.8 |
| 7 | 624 | 1325 | ..... | 4 | 1 | 10197.1 | ..... | | | | | | ..... | 25.0 | ..... | 1.4 | 0.3 | 210 | |
| 8 | 707 | 1330 | ..... | 4 | 1 | 10198.1 | ..... | | | | | | 7.0 | 21.0 | ..... | 2.5 | 0.4 | 215 | |
| 9 | 711 | 1005 | ..... | 4 | 1 | 10199.1 | ..... | | | | | | 6.0 | 17.0 | ..... | 0.8 | 0.4 | 220 | |
| 10 | 717 | 1300 | ..... | 4 | 1 | 10200.1 | ..... | | | | | | 5.5 | 11.0 | ..... | 1.4 | 0.3 | 225 | |
| 11 | 721 | 1300 | ..... | 4 | 1 | 10201.1 | ..... | | | | | | 8.5 | 25.0 | ..... | 1.7 | 0.6 | 220 | |
| 12 | 726 | 1045 | ..... | 4 | 1 | 10202.1 | ..... | | | | | | 7.0 | 20.5 | ..... | 1.4 | 0.4 | 230 | 8.0 |
| 13 | 731 | 1340 | ..... | 4 | 1 | 10203.1 | ..... | | | | | | 7.5 | 23.0 | ..... | 0.2 | 0.3 | 230 | |
| 14 | 805 | 1450 | ..... | 4 | 1 | 10204.1 | ..... | | | | | | 9.0 | 17.0 | ..... | 1.8 | 0.2 | 250 | |
| 15 | 813 | 1340 | ..... | 4 | 1 | 10205.1 | ..... | | | | | | 9.0 | 24.0 | ..... | 1.4 | 0.3 | 250 | |
| 16 | 816 | 1205 | ..... | 1 | 1 | 10206.1 | ..... | | | | | | 8.0 | 18.0 | ..... | 1.1 | 0.3 | 250 | |
| 17 | 826 | 1125 | ..... | 4 | 1 | 10207.1 | ..... | | | | | | 7.5 | 22.0 | ..... | 2.8 | 0.2 | 225 | 8.2 |

TABLE 3
WATER QUALITY DATA FOR GLADSTONE CREEK, BOW CROW FOREST, 1986
MAY 13, 1986 - SEPTEMBER 9, 1986

FOREST:BOW/CROW
CREEK: GLADSTONE
COMMENTS: CREST GAUGE

PHASE 3 CODE: H16 C10 B1
LOCATION : 9-5-5-2-W5
RATING CURVE :FLOW=.302-4.525*STAGE+16.426*STAGE^2

AREA : 1732 HA
LAT/LON: 49 22'/ 114 12'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 513 | 1845 | ..... | 4 | 1 | 10071.1 | ..... | 0.319 | 1 | 0.574 | ..... | | 3.0 | 4.5 | ..... | 1.3 | 0.5 | 205 | 7.9 |
| 2 | 524 | 1030 | ..... | 4 | 1 | 10072.1 | ..... | 0.380 | 1 | 1.037 | 0.490 | 2.029 | 4.0 | 20.0 | ..... | 2.4 | 0.5 | 190 | |
| 3 | 604 | 955 | ..... | 4 | 1 | 10073.1 | 4 | 0.490 | 1 | 0.960 | 0.600 | 3.500 | 5.0 | 17.0 | ..... | 2.2 | 2.3 | 165 | 8.0 |
| 4 | 607 | 925 | ..... | 4 | 1 | 10074.1 | 4 | 0.415 | 1 | 1.179 | 0.430 | 1.393 | 5.0 | 15.0 | ..... | 1.9 | 0.5 | 155 | |
| 5 | 612 | 1115 | ..... | 4 | 1 | 10075.1 | ..... | 0.340 | 1 | 0.760 | 0.440 | 1.491 | 7.0 | 21.0 | ..... | 1.7 | 0.3 | 285 | |
| 6 | 616 | 942 | ..... | 4 | 1 | 10076.1 | 4 | 0.325 | 1 | 0.486 | 0.350 | 0.730 | 6.0 | 14.0 | ..... | 0.9 | 0.3 | 190 | 8.0 |
| 7 | 620 | 945 | ..... | 4 | 1 | 10077.1 | 4 | 0.290 | 1 | 0.379 | 0.310 | 0.478 | 6.0 | 19.0 | ..... | 0.6 | 0.2 | 195 | |
| 8 | 624 | 945 | ..... | 4 | 1 | 10078.1 | 4 | 0.285 | 1 | 0.262 | 0.290 | 0.371 | 8.0 | 23.0 | ..... | 1.8 | 0.4 | 210 | |
| 9 | 703 | 1230 | ..... | 4 | 1 | 10079.1 | 4 | 0.250 | 1 | 0.171 | 0.290 | 0.371 | 10.0 | 18.0 | ..... | 1.8 | 0.4 | 215 | |
| 10 | 707 | 1000 | ..... | 4 | 1 | 10080.1 | ..... | 0.235 | 1 | 0.138 | 0.250 | 0.197 | 8.0 | 21.0 | ..... | 3.7 | 0.4 | 220 | 8.0 |
| 11 | 710 | 1545 | ..... | 4 | 1 | 10081.1 | ..... | 0.225 | 1 | 0.125 | 0.240 | 0.162 | 11.0 | 18.5 | ..... | 0.9 | 0.2 | 200 | |
| 12 | 717 | 930 | ..... | 4 | 1 | 10082.1 | 1 | 0.220 | 1 | 0.100 | 0.225 | 0.115 | 7.5 | 10.0 | ..... | 1.0 | 0.4 | 235 | |
| 13 | 721 | 1000 | ..... | 4 | 1 | 10083.1 | 1 | 0 215 | 1 | 0.075 | 0 215 | 0.088 | 9.5 | 22.0 | ..... | 0.8 | 0.3 | 235 | |
| 14 | 726 | 1400 | ..... | 4 | 1 | 10084.1 | 4 | 0.200 | 1 | 0.075 | 0.240 | 0.162 | 12.0 | 22.0 | ..... | 0.8 | 0.2 | 225 | |
| 15 | 731 | 1010 | ..... | 4 | 1 | 10085.1 | ..... | 0.205 | 1 | 0.056 | 0.205 | 0.065 | 9.0 | 22.0 | ..... | 0.8 | 0.2 | 240 | |
| 16 | 805 | 1120 | ..... | 4 | 1 | 10086.1 | 4 | 0.190 | 1 | 0.055 | 0.195 | 0.044 | 11.0 | 24.0 | ..... | 0.2 | 0.2 | 270 | |
| 17 | 813 | 1005 | ..... | 4 | 1 | 10087.1 | 1 | 0.190 | 1 | 0.035 | 0.190 | 0.035 | 10.5 | 17.0 | ..... | 1.6 | 0.2 | 270 | |
| 18 | 816 | 1020 | ..... | 4 | 1 | 10088.1 | ..... | 0.185 | 1 | 0.033 | 0.195 | 0.044 | 10.0 | 13.0 | ..... | 2.6 | 0.5 | 280 | |
| 19 | 827 | 1615 | ..... | 4 | 1 | 10089.1 | 4 | 0.170 | ..... | 0.007 | 0.200 | 0.054 | 13.0 | 20.0 | ..... | 0.2 | 0.2 | 260 | |
| 20 | 909 | 1600 | ..... | 4 | 1 | 10090.1 | 4 | 0.310 | ..... | 0.478 | 0.325 | 0.566 | 8.5 | 13.5 | ..... | 2.7 | 1.0 | 200 | 8.4 |

TABLE 4
WATER QUALITY DATA FOR GOAT CREEK, BOW CROW FOREST, 1986
MAY 23, 1986 - AUGUST 26, 1986

FOREST: BOW/CROW
CREEK: GOAT

PHASE 3 CODE: H16 C12 B4
LOCATION : 1-29-6-4-W5

AREA : 2750 HA
LAT/LON: 49 30'/ 114 30'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 523 | 1135 | ..... | 1 | 1 | 10161.1 | ..... | | | | | | 4.0 | 20.0 | ..... | 8.6 | 3.2 | 240 | 7.9 |
| 2 | 604 | 1505 | ..... | 4 | 1 | 10162.1 | ..... | | | | | | 6.0 | 17.5 | ..... | 7.5 | 5.3 | 200 | |
| 3 | 607 | 1520 | ..... | 4 | 1 | 10163.1 | ..... | | | | | | 7.0 | 19.0 | ..... | 6.5 | 1.0 | 190 | |
| 4 | 612 | 1430 | ..... | 4 | 1 | 10164.1 | ..... | | | | | | 7.0 | 23.0 | ..... | 4.7 | 0.8 | 205 | |
| 5 | 616 | 1516 | ..... | 4 | 1 | 10165.1 | ..... | | | | | | 7.0 | 20.0 | ..... | 3.8 | 0.5 | 215 | |
| 6 | 620 | 1447 | ..... | 4 | 1 | 10166.1 | ..... | | | | | | 6.0 | 17.0 | ..... | 2.0 | 0.4 | 225 | |
| 7 | 624 | 1440 | ..... | 4 | 1 | 10167.1 | ..... | | | | | | 9.0 | 24.0 | ..... | 2.4 | 0.5 | 210 | 8.2 |
| 8 | 707 | 1435 | ..... | 4 | 1 | 10168.1 | ..... | | | | | | 10.0 | 22.0 | ..... | 1.6 | 0.2 | 225 | |
| 9 | 711 | 1107 | ..... | 4 | 1 | 10169.1 | ..... | | | | | | 7.0 | 17.0 | ..... | 1.2 | 0.3 | 225 | |
| 10 | 717 | 1410 | ..... | 4 | 1 | 10170.1 | ..... | | | | | | 7.5 | 12.0 | ..... | 1.0 | 0.2 | 240 | |
| 11 | 721 | 1410 | ..... | 4 | 1 | 10171.1 | ..... | | | | | | 10.0 | 26.0 | ..... | 0.9 | 0.3 | 235 | |
| 12 | 726 | 915 | ..... | 4 | 1 | 10172.1 | ..... | | | | | | 7.0 | 16.5 | ..... | 1.4 | 0.2 | 235 | |
| 13 | 731 | 1445 | ..... | 4 | 1 | 10173.1 | ..... | | | | | | 10.5 | 24.0 | ..... | 2.2 | 0.3 | 245 | |
| 14 | 808 | 1450 | ..... | 4 | 1 | 10174.1 | ..... | | | | | | 11.0 | 25.0 | ..... | 2.3 | 0.3 | 265 | |
| 15 | 813 | 1450 | ..... | 4 | 1 | 10175.1 | ..... | | | | | | 11.0 | 24.0 | ..... | 0.5 | 0.2 | 265 | |
| 16 | 816 | 1330 | ..... | 4 | 1 | 10176.1 | ..... | | | | | | 10.0 | 21.0 | ..... | 1.8 | 0.3 | 270 | |
| 17 | 826 | 1300 | ..... | 4 | 1 | 10177.1 | ..... | | | | | | 9.5 | 25.0 | ..... | 2.5 | 0.2 | 250 | |

TABLE 5
WATER QUALITY DATA FOR HIDDEN CONFLUENCE, BOW CROW FOREST, 1986
JUNE 23, 1986 - AUGUST 27, 1986

FOREST:BOW/CROW
CREEK: HIDDEN CONFLUENCE
PHASE 3 CODE: H16 A14 E2
LOCATION : 8-9-12-4-W5
AREA
LAT/LON: 49 59'/ 114 35'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 623 | 1510 | ..... | 4 | 1 | 10371.1 | ..... | | | | | | 11.0 | 24.0 | ..... | 4.3 | 0.8 | 210 | |
| 2 | 627 | 1445 | ..... | 4 | 1 | 10372.1 | ..... | | | | | | 7.5 | 18.0 | ..... | 2.3 | 0.6 | 205 | |
| 3 | 704 | 1415 | ..... | 4 | 1 | 10373.1 | ..... | | | | | | 5.0 | 7.0 | ..... | 4.1 | 0.7 | 200 | 7.7 |
| 4 | 709 | 1200 | ..... | 4 | 1 | 10374.1 | ..... | | | | | | 7.5 | 18.0 | ..... | 1.9 | 0.6 | 205 | |
| 5 | 715 | 1430 | ..... | 4 | 1 | 10375.1 | ..... | | | | | | 9.5 | 17.0 | ..... | 1.9 | 0.5 | 215 | |
| 6 | 719 | 1230 | ..... | 4 | 1 | 10376.1 | ..... | | | | | | 7.5 | 20.0 | ..... | 2.3 | 0.6 | 220 | 8.2 |
| 7 | 723 | 1400 | ..... | 4 | 1 | 10377.1 | ..... | | | | | | 8.5 | 13.0 | ..... | 1.9 | 0.4 | 210 | |
| 8 | 730 | 1110 | ..... | 4 | 1 | 10378.1 | ..... | | | | | | 6.0 | 14.0 | ..... | 1.8 | 0.5 | 220 | |
| 9 | 801 | 1205 | ..... | 4 | 1 | 10379.1 | ..... | | | | | | 7.5 | 24.0 | ..... | 1.6 | 0.5 | 220 | |
| 10 | 808 | 945 | ..... | 4 | 1 | 10380.1 | ..... | | | | | | 6.5 | 16.0 | ..... | 3.2 | 0.5 | 235 | |
| 11 | 811 | 1025 | ..... | 4 | 1 | 10381.1 | ..... | | | | | | 7.0 | 18.0 | ..... | 0.7 | 0.4 | 235 | |
| 12 | 814 | 920 | ..... | 4 | 1 | 10382.1 | ..... | | | | | | 6.0 | 18.0 | ..... | 1.9 | 0.4 | 235 | |
| 13 | 817 | 925 | ..... | 4 | 1 | 10383.1 | ..... | | | | | | 5.5 | 15.0 | ..... | 3.8 | 0.5 | 225 | |
| 14 | 827 | 935 | ..... | 4 | 1 | 10384.1 | ..... | | | | | | 6.5 | 14.0 | ..... | 2.4 | 0.3 | 220 | |

TABLE 6
WATER QUALITY DATA FOR NORTH HIDDEN CREEK, BOW CROW FOREST, 1986
MAY 27, 1986 - SEPTEMBER 10, 1986

FOREST:BOW/CROW
CREEK: HIDDEN NORTH
COMMENTS: CREST GAUGE, ISCO

PHASE 3 CODE: H16 A14 E2 AREA
LOCATION : 7-11-12-5-W5 LAT/LON: 49 59'/ 114 35'
RATING CURVE : FLOW=.061+1.989*STAGE+2.977*STAGE^2

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 527 | 1255 | ..... | 4 | 1 | 10401.1 | ..... | 0.690 | ..... | ..... | ..... | ..... | 3.0 | 19.0 | ..... | 88.5 | 22.0 | 180 | |
| 2 | 605 | 1325 | ..... | 4 | 1 | 10402.1 | 4 | 0.580 | ..... | 2.216 | 0.790 | 3.490 | 4.0 | 12.0 | ..... | 32.5 | 4.9 | 180 | |
| 3 | 609 | 1535 | ..... | 4 | 1 | 10403.1 | 4 | 0.520 | 1 | 1.896 | 0.570 | 2.162 | 6.0 | 17.5 | ..... | 11.4 | 2.6 | 180 | 7.6 |
| 4 | 619 | 1419 | ..... | 4 | 1 | 10404.1 | 4 | 0.410 | 1 | 1.337 | 0.505 | 1.825 | 5.0 | 15.0 | 18.0 | 5.2 | 0.7 | 210 | |
| 5 | 619 | 1800 | 12 | 3 | 1 | 10409.101 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 10.5 | 1.7 | 180 | 8.0 |
| 6 | 620 | 600 | 12 | 3 | 1 | 10409.102 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.7 | 0.3 | 180 | |
| 7 | 620 | 1800 | 12 | 3 | 1 | 10409.103 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.4 | 0.2 | 180 | |
| 8 | 621 | 600 | 12 | 3 | 1 | 10409.104 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7.1 | 0.6 | 185 | |
| 9 | 621 | 1800 | 12 | 3 | 1 | 10409.105 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.2 | 0.3 | 190 | 8.2 |
| 10 | 622 | 600 | 12 | 3 | 1 | 10409.106 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.0 | 0.5 | 180 | |
| 11 | 622 | 1347 | ..... | 4 | 1 | 10406.1 | ..... | 0.310 | 1 | 1.049 | 0.375 | 1.226 | 5.0 | 17.0 | 2.2 | 4.8 | 0.8 | 205 | 8.0 |
| 12 | 622 | 1800 | 12 | 3 | 1 | 10409.107 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.5 | 0.4 | 190 | |
| 13 | 623 | 600 | 12 | 3 | 1 | 10409.108 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.9 | 0.3 | 185 | |
| 14 | 623 | 1800 | 12 | 3 | 1 | 10409.109 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.4 | 0.6 | 180 | 8.1 |
| 15 | 624 | 600 | 12 | 3 | 1 | 10409.1010 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.7 | 0.5 | 185 | |
| 16 | 624 | 1800 | 12 | 3 | 1 | 10409.1011 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.1 | 0.7 | 185 | |
| 17 | 625 | 600 | 12 | 3 | 1 | 10409.1012 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.2 | 1.3 | 185 | |
| 18 | 625 | 1800 | 12 | 3 | 1 | 10409.1013 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.2 | 0.6 | 175 | 8.2 |
| 19 | 626 | 600 | 12 | 3 | 1 | 10409.1014 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.2 | 0.3 | 180 | |
| 20 | 626 | 1800 | 12 | 3 | 1 | 10409.1015 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.0 | 0.7 | 175 | |
| 21 | 627 | 600 | 12 | 3 | 1 | 10409.1016 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.1 | 0.7 | 175 | |
| 22 | 627 | 1800 | 12 | 3 | 1 | 10409.1017 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.5 | 0.4 | 185 | 8.2 |
| 23 | 628 | 600 | 12 | 3 | 1 | 10409.1018 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.8 | 0.9 | 180 | |
| 24 | 628 | 1800 | 12 | 3 | 1 | 10409.1019 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1.4 | 0.4 | 180 | |
| 25 | 629 | 600 | 12 | 3 | 1 | 10409.1020 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.1 | 1.6 | 190 | |
| 26 | 629 | 1800 | 12 | 3 | 1 | 10409.1021 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2.0 | 1.3 | 195 | 8.1 |
| 27 | 630 | 600 | 12 | 3 | 1 | 10409.1022 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.6 | 0.7 | 190 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 630 | 1800 | 12 | 3 | 1 | 10409.1023 | | | | | | | | | | 3.5 | 0.6 | 195 | |
| 29 | 701 | 600 | 12 | 3 | 1 | 10409.1024 | | | | | | | | | | 3.1 | 0.6 | 190 | |
| 30 | 701 | 1250 | ..... | 4 | 1 | 10408.1 | 4 | 0.285 | 1 | 0.990 | 0.330 | 1.042 | 6.0 | 18.5 | 26.0 | 2.1 | 0.5 | 190 | |
| 31 | 703 | 925 | ..... | 4 | 1 | 10410.1 | ..... | 0.270 | ..... | 0.815 | 0.275 | 0.833 | 5.0 | 14.0 | 4.6 | 1.2 | 0.6 | 190 | 8.1 |
| 32 | 703 | 1800 | 12 | 3 | 1 | 10413.101 | | | | | | | | | | 4.8 | 0.5 | 210 | 7.8 |
| 33 | 704 | 600 | 12 | 3 | 1 | 10413.102 | | | | | | | | | | 11.1 | 0.6 | 210 | |
| 34 | 704 | 1800 | 12 | 3 | 1 | 10413.103 | | | | | | | | | | 11.6 | 0.8 | 215 | |
| 35 | 705 | 600 | 12 | 3 | 1 | 10413.104 | | | | | | | | | | 2.6 | 0.5 | 220 | |
| 36 | 705 | 1215 | ..... | 4 | 1 | 10411.1 | ..... | 0.265 | 1 | 0.646 | 0.275 | 0.833 | 4.5 | 11.0 | 17.3 | 1.6 | 0.4 | 205 | |
| 37 | 705 | 1800 | 12 | 3 | 1 | 10413.105 | | | | | | | | | | 12.6 | 1.8 | 215 | 7.9 |
| 38 | 706 | 600 | 12 | 3 | 1 | 10413.106 | | | | | | | | | | 5.4 | 1.4 | 215 | |
| 39 | 706 | 1800 | 12 | 3 | 1 | 10413.107 | | | | | | | | | | 7.0 | 1.1 | 215 | |
| 40 | 707 | 600 | 12 | 3 | 1 | 10413.108 | | | | | | | | | | 4.7 | 0.5 | 220 | |
| 41 | 707 | 1800 | 12 | 3 | 1 | 10413.109 | | | | | | | | | | 4.9 | 1.0 | 220 | 8.0 |
| 42 | 708 | 600 | 12 | 3 | 1 | 10413.1010 | | | | | | | | | | 4.0 | 0.8 | 210 | |
| 43 | 708 | 1150 | ..... | 4 | 1 | 10412.1 | 4 | 0.225 | 1 | 0.673 | 0.270 | 0.815 | 5.5 | 18.5 | 1.6 | 2.9 | 0.8 | 200 | 8.0 |
| 44 | 708 | 1800 | 12 | 3 | 1 | 10413.1011 | | | | | | | | | | 2.8 | 0.3 | 220 | |
| 45 | 709 | 600 | 12 | 3 | 1 | 10413.1012 | | | | | | | | | | 5.0 | 0.3 | 220 | |
| 46 | 709 | 1800 | 12 | 3 | 1 | 10413.1013 | | | | | | | | | | 2.4 | 0.3 | 220 | 8.0 |
| 47 | 710 | 600 | 12 | 3 | 1 | 10413.1014 | | | | | | | | | | 4.6 | 0.9 | 215 | |
| 48 | 710 | 1800 | 12 | 3 | 1 | 10413.1015 | | | | | | | | | | 4.6 | 0.9 | 220 | |
| 49 | 711 | 600 | 12 | 3 | 1 | 10413.1016 | | | | | | | | | | 3.7 | 0.5 | 220 | |
| 50 | 711 | 1800 | 12 | 3 | 1 | 10413.1017 | | | | | | | | | | 1.7 | 0.4 | 215 | 8.1 |
| 51 | 712 | 600 | 12 | 3 | 1 | 10413.1018 | | | | | | | | | | 2.2 | 0.4 | 220 | |
| 52 | 712 | 1800 | 12 | 3 | 1 | 10413.1019 | | | | | | | | | | 2.4 | 0.3 | 215 | |
| 53 | 713 | 600 | 12 | 3 | 1 | 10413.1020 | | | | | | | | | | 2.7 | 0.6 | 220 | |
| 54 | 713 | 1800 | 12 | 3 | 1 | 10413.1021 | | | | | | | | | | 3.1 | 0.5 | 200 | |
| 55 | 714 | 600 | 12 | 3 | 1 | 10413.1022 | | | | | | | | | | 3.8 | 1.6 | 205 | |
| 56 | 714 | 1800 | 12 | 3 | 1 | 10413.1023 | | | | | | | | | | 3.6 | 0.5 | 205 | 8.0 |
| 57 | 715 | 600 | 12 | 3 | 1 | 10413.1024 | | | | | | | | | | 4.3 | 0.7 | 205 | |
| 58 | 715 | 1800 | 12 | 3 | 1 | 10413.1025 | | | | | | | | | | 2.4 | 0.4 | 200 | |
| 59 | 716 | 600 | 12 | 3 | 1 | 10413.1026 | | | | | | | | | | 2.0 | 0.3 | 205 | |
| 60 | 716 | 1300 | ..... | 4 | 1 | 10414.1 | ..... | 0.170 | 1 | 0.465 | 0.230 | 0.676 | 6.0 | 17.0 | 10.2 | 1.8 | 0.3 | 215 | |
| 61 | 716 | 1800 | 12 | 3 | 1 | 10416.101 | | | | | | | | | | 5.0 | 0.8 | 200 | 7.8 |
| 62 | 717 | 600 | 12 | 3 | 1 | 10416.102 | | | | | | | | | | 3.2 | 0.5 | 200 | |
| 63 | 717 | 1800 | 12 | 3 | 1 | 10416.103 | | | | | | | | | | 3.4 | 0.4 | 200 | |
| 64 | 718 | 600 | 12 | 3 | 1 | 10416.104 | | | | | | | | | | 2.9 | 0.5 | 205 | |
| 65 | 718 | 1800 | 12 | 3 | 1 | 10416.105 | | | | | | | | | | 5.2 | 0.7 | 200 | 7.9 |
| 66 | 719 | 600 | 12 | 3 | 1 | 10416.106 | | | | | | | | | | 4.4 | 0.8 | 205 | |
| 67 | 719 | 1800 | 12 | 3 | 1 | 10416.107 | | | | | | | | | | 3.4 | 0.7 | 200 | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 720 | 600 | 12 | 3 | 1 | 10416.108 | | | | | | | | | | 3.6 | 0.5 | 205 | | |
| 69 | 720 | 1300 | ..... | 4 | 1 | 10415.1 | 1 | 0.155 | 1 | 0.408 | 0.155 | 0.441 | 7.0 | 19.0 | 12.8 | 1.1 | 0.4 | 210 | | |
| 70 | 720 | 1800 | 12 | 3 | 1 | 10416.109 | | | | | | | | | | 4.3 | 1.6 | 200 | 7.9 | |
| 71 | 721 | 600 | 12 | 3 | 1 | 10416.1010 | | | | | | | | | | 3.6 | 0.9 | 205 | | |
| 72 | 721 | 1800 | 12 | 3 | 1 | 10416.1011 | | | | | | | | | | 2.4 | 0.5 | 205 | | |
| 73 | 722 | 600 | 12 | 3 | 1 | 10416.1012 | | | | | | | | | | 2.4 | 0.5 | 200 | | |
| 74 | 722 | 1800 | 12 | 3 | 1 | 10416.1013 | | | | | | | | | | 2.7 | 1.3 | 200 | 7.9 | |
| 75 | 723 | 600 | 12 | 3 | 1 | 10416.1014 | | | | | | | | | | 1.7 | 0.9 | 205 | | |
| 76 | 723 | 1800 | 12 | 3 | 1 | 10416.1015 | | | | | | | | | | 1.2 | 0.6 | 205 | | |
| 77 | 724 | 600 | 12 | 3 | 1 | 10416.1016 | | | | | | | | | | 3.3 | 0.6 | 210 | | |
| 78 | 724 | 1800 | 12 | 3 | 1 | 10416.1017 | | | | | | | | | | 5.4 | 0.9 | 205 | 7.8 | |
| 79 | 725 | 600 | 12 | 3 | 1 | 10416.1018 | | | | | | | | | | 4.6 | 1.6 | 205 | | |
| 80 | 725 | 1800 | 12 | 3 | 1 | 10416.1019 | | | | | | | | | | 3.6 | 0.8 | 200 | | |
| 81 | 726 | 600 | 12 | 3 | 1 | 10416.1020 | | | | | | | | | | 4.5 | 0.8 | 210 | | |
| 82 | 726 | 1800 | 12 | 3 | 1 | 10416.1021 | | | | | | | | | | 2.8 | 0.5 | 220 | | |
| 83 | 727 | 600 | 12 | 3 | 1 | 10416.1022 | | | | | | | | | | 5.1 | 0.8 | 225 | | |
| 84 | 727 | 1800 | 12 | 3 | 1 | 10416.1023 | | | | | | | | | | 3.6 | 0.5 | 220 | | |
| 85 | 728 | 600 | 12 | 3 | 1 | 10416.1024 | | | | | | | | | | 2.1 | 0.4 | 220 | | |
| 86 | 728 | 1145 | ..... | 4 | 1 | 10417.1 | ..... | 0.150 | 1 | 0.408 | 0.150 | 0.426 | 5.0 | 14.0 | 13.6 | 0.9 | 0.4 | 210 | 8.0 | |
| 87 | 728 | 1800 | 12 | 3 | 1 | 10419.101 | | | | | | | | | | 1.7 | 0.5 | 210 | | |
| 88 | 729 | 600 | 12 | 3 | 1 | 10419.102 | | | | | | | | | | 1.7 | 0.8 | 215 | | |
| 89 | 729 | 1800 | 12 | 3 | 1 | 10419.103 | | | | | | | | | | 1.2 | 0.5 | 205 | 8.2 | |
| 90 | 730 | 600 | 12 | 3 | 1 | 10419.104 | | | | | | | | | | 3.0 | 0.6 | 205 | | |
| 91 | 730 | 1800 | 12 | 3 | 1 | 10419.105 | | | | | | | | | | 2.1 | 0.5 | 205 | | |
| 92 | 731 | 600 | 12 | 3 | 1 | 10419.106 | | | | | | | | | | 1.4 | 0.6 | 210 | | |
| 93 | 731 | 1800 | 12 | 3 | 1 | 10419.107 | | | | | | | | | | 2.1 | 0.6 | 205 | 8.1 | |
| 94 | 801 | 600 | 12 | 3 | 1 | 10419.108 | | | | | | | | | | 1.2 | 0.7 | 205 | | |
| 95 | 801 | 1800 | 12 | 3 | 1 | 10419.109 | | | | | | | | | | 1.9 | 0.6 | 205 | | |
| 96 | 802 | 600 | 12 | 3 | 1 | 10419.1010 | | | | | | | | | | 1.6 | 0.5 | 205 | | |
| 97 | 802 | 1800 | 12 | 3 | 1 | 10419.1011 | | | | | | | | | | 3.0 | 0.6 | 205 | 8.1 | |
| 98 | 803 | 600 | 12 | 3 | 1 | 10419.1012 | | | | | | | | | | 3.8 | 0.8 | 210 | | |
| 99 | 803 | 1150 | ..... | 4 | 1 | 10418.1 | 1 | 0.140 | 1 | 0.393 | 0.150 | 0.426 | 7.0 | 23.0 | 0.7 | 3.9 | 0.6 | 220 | | |
| 100 | 803 | 1800 | 12 | 3 | 1 | 10419.1013 | | | | | | | | | | 3.0 | 0.7 | 205 | | |
| 101 | 804 | 600 | 12 | 3 | 1 | 10419.1014 | | | | | | | | | | 2.8 | 0.7 | 210 | | |
| 102 | 804 | 1800 | 12 | 3 | 1 | 10419.1015 | | | | | | | | | | 2.8 | 0.6 | 205 | 8.0 | |
| 103 | 805 | 600 | 12 | 3 | 1 | 10419.1016 | | | | | | | | | | 1.9 | 0.5 | 210 | | |
| 104 | 805 | 1800 | 12 | 3 | 1 | 10419.1017 | | | | | | | | | | 6.0 | 0.6 | 205 | | |
| 105 | 806 | 600 | 12 | 3 | 1 | 10419.1018 | | | | | | | | | | 3.4 | 0.7 | 205 | | |
| 106 | 806 | 1800 | 12 | 3 | 1 | 10422.101 | | | | | | | | | | 1.9 | 0.3 | 215 | 8.3 | |
| 107 | 807 | 600 | 12 | 3 | 1 | 10422.102 | | | | | | | | | | 0.9 | 0.3 | 220 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 807 | 1800 | 12 | 3 | 1 | 10422.103 | | | | | | | | | 2.4 | 0.4 | 220 | |
| 109 | 808 | 600 | 12 | 3 | 1 | 10422.104 | | | | | | | | | 1.4 | 0.4 | 220 | |
| 110 | 808 | 1800 | 12 | 3 | 1 | 10422.105 | | | | | | | | | 2.6 | 0.3 | 215 | 8.2 |
| 111 | 809 | 600 | 12 | 3 | 1 | 10422.106 | | | | | | | | | 2.3 | 0.5 | 220 | |
| 112 | 809 | 1800 | 12 | 3 | 1 | 10422.107 | | | | | | | | | 2.1 | 0.5 | 220 | |
| 113 | 810 | 600 | 12 | 3 | 1 | 10422.108 | | | | | | | | | 2.1 | 0.4 | 220 | |
| 114 | 810 | 1800 | 12 | 3 | 1 | 10422.109 | | | | | | | | | 2.4 | 0.7 | 220 | 8.2 |
| 115 | 811 | 600 | 12 | 3 | 1 | 10422.1010 | | | | | | | | | 1.9 | 0.6 | 220 | |
| 116 | 811 | 1800 | 12 | 3 | 1 | 10422.1011 | | | | | | | | | 1.9 | 0.6 | 220 | |
| 117 | 812 | 600 | 12 | 3 | 1 | 10422.1012 | | | | | | | | | 4.0 | 0.7 | 220 | |
| 118 | 812 | 1140 | ..... | 4 | 1 | 10420.1 | ..... | 0.125 | 1 | 0.337 | 0.145 | 0.412 | 7.0 | 24.0 ..... | 1.1 | 0.4 | 215 | 8.0 |
| 119 | 812 | 1800 | 12 | 3 | 1 | 10422.1013 | | | | | | | | | 2.8 | 0.6 | 220 | 8.2 |
| 120 | 813 | 600 | 12 | 3 | 1 | 10422.1014 | | | | | | | | | 2.4 | 0.5 | 220 | |
| 121 | 813 | 1800 | 12 | 3 | 1 | 10422.1015 | | | | | | | | | 1.6 | 0.4 | 220 | |
| 122 | 814 | 600 | 12 | 3 | 1 | 10422.1016 | | | | | | | | | 1.9 | 0.7 | 220 | |
| 123 | 814 | 1800 | 12 | 3 | 1 | 10422.1017 | | | | | | | | | 4.3 | 0.8 | 220 | 8.2 |
| 124 | 815 | 600 | 12 | 3 | 1 | 10422.1018 | | | | | | | | | 5.5 | 0.7 | 220 | |
| 125 | 815 | 1140 | ..... | 4 | 1 | 10421.1 | 1 | 0.095 | 1 | 0.324 | 0.105 | 0.303 | 7.0 | 21.0 0.6 | 1.6 | 0.3 | 220 | |
| 126 | 815 | 1800 | 12 | 3 | 1 | 10422.1019 | | | | | | | | | 2.1 | 0.5 | 220 | |
| 127 | 816 | 600 | 12 | 3 | 1 | 10422.1020 | | | | | | | | | 1.9 | 0.4 | 220 | |
| 128 | 816 | 1800 | 12 | 3 | 1 | 10422.1021 | | | | | | | | | 3.3 | 0.2 | 230 | |
| 129 | 817 | 600 | 12 | 3 | 1 | 10422.1022 | | | | | | | | | 2.4 | 0.3 | 230 | 8.1 |
| 130 | 817 | 1800 | 12 | 3 | 1 | 10422.1023 | | | | | | | | | 2.9 | 0.3 | 230 | |
| 131 | 818 | 600 | 12 | 3 | 1 | 10422.1024 | | | | | | | | | 1.9 | 0.3 | 230 | |
| 132 | 818 | 1045 | ..... | 4 | 1 | 10423.1 | 1 | 0.095 | 1 | 0.292 | ..... | | 6.0 | 16.0 ..... | 8.9 | 0.6 | 230 | |
| 133 | 818 | 1800 | 12 | 3 | 1 | 10424.101 | | | | | | | | | 2.9 | 0.4 | 230 | |
| 134 | 819 | 600 | 12 | 3 | 1 | 10424.102 | | | | | | | | | 2.1 | 0.5 | 230 | 8.2 |
| 135 | 819 | 1800 | 12 | 3 | 1 | 10424.103 | | | | | | | | | 4.9 | 0.4 | 230 | |
| 136 | 820 | 600 | 12 | 3 | 1 | 10424.104 | | | | | | | | | 4.0 | 0.6 | 230 | |
| 137 | 821 | 600 | 12 | 3 | 1 | 10424.106 | | | | | | | | | 2.4 | 0.4 | 235 | |
| 138 | 821 | 1800 | 12 | 3 | 1 | 10424.107 | | | | | | | | | 2.9 | 0.5 | 230 | 8.2 |
| 139 | 822 | 600 | 12 | 3 | 1 | 10424.108 | | | | | | | | | 2.6 | 0.5 | 240 | |
| 140 | 822 | 1800 | 12 | 3 | 1 | 10424.109 | | | | | | | | | 4.5 | 0.5 | 235 | |
| 141 | 823 | 600 | 12 | 3 | 1 | 10424.1010 | | | | | | | | | 4.8 | 0.5 | 240 | |
| 142 | 823 | 1800 | 12 | 3 | 1 | 10424.1011 | | | | | | | | | 3.1 | 0.6 | 230 | 8.2 |
| 143 | 824 | 600 | 12 | 3 | 1 | 10424.1012 | | | | | | | | | 4.9 | 0.7 | 240 | |
| 144 | 824 | 1800 | 12 | 3 | 1 | 10424.1013 | | | | | | | | | 4.3 | 0.4 | 240 | |
| 145 | 825 | 2200 | 12 | 3 | 1 | 10425.101 | | | | | | | | | 4.8 | 0.3 | 200 | |
| 146 | 826 | 1000 | 12 | 3 | 1 | 10425.102 | | | | | | | | | 2.4 | 0.5 | 200 | |
| 147 | 826 | 2200 | 12 | 3 | 1 | 10425.103 | | | | | | | | | 1.7 | 0.4 | 200 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 827 | 1000 | 12 | 3 | 1 | 10425.104 | | | | | | | | 1.2 | 0.5 | 200 | | |
| 149 | 827 | 2200 | 12 | 3 | 1 | 10425.105 | | | | | | | | 2.2 | 0.4 | 200 | | |
| 150 | 828 | 1000 | 12 | 3 | 1 | 10425.106 | | | | | | | | 2.1 | 0.4 | 200 | | |
| 151 | 828 | 2200 | 12 | 3 | 1 | 10425.107 | | | | | | | | 2.4 | 0.5 | 200 | | |
| 152 | 829 | 1000 | 12 | 3 | 1 | 10425.108 | | | | | | | | 2.1 | 0.5 | 200 | | |
| 153 | 829 | 2200 | 12 | 3 | 1 | 10425.109 | | | | | | | | 1.9 | 0.5 | 200 | | |
| 154 | 830 | 1000 | 12 | 3 | 1 | 10425.1010 | | | | | | | | 2.6 | 0.4 | 200 | | |
| 155 | 830 | 2200 | 12 | 3 | 1 | 10425.1011 | | | | | | | | 4.4 | 0.8 | 200 | | |
| 156 | 831 | 1000 | 12 | 3 | 1 | 10425.1012 | | | | | | | | 5.3 | 0.9 | 200 | | |
| 157 | 831 | 2200 | 12 | 3 | 1 | 10425.1013 | | | | | | | | 3.1 | 0.5 | 200 | | |
| 158 | 901 | 1000 | 12 | 3 | 1 | 10425.1014 | | | | | | | | 1.6 | 0.3 | 200 | | |
| 159 | 901 | 2200 | 12 | 3 | 1 | 10425.1015 | | | | | | | | 2.4 | 0.4 | 200 | | |
| 160 | 902 | 1000 | 12 | 3 | 1 | 10425.1016 | | | | | | | | 1.6 | 0.5 | 200 | | |
| 161 | 902 | 2200 | 12 | 3 | 1 | 10425.1017 | | | | | | | | 2.4 | 0.5 | 200 | | |
| 162 | 903 | 1000 | 12 | 3 | 1 | 10425.1018 | | | | | | | | 2.6 | 0.7 | 200 | | |
| 163 | 903 | 2200 | 12 | 3 | 1 | 10425.1019 | | | | | | | | 3.4 | 0.6 | 200 | | |
| 164 | 904 | 1000 | 12 | 3 | 1 | 10425.1020 | | | | | | | | 2.1 | 0.4 | 200 | | |
| 165 | 904 | 2200 | 12 | 3 | 1 | 10425.1021 | | | | | | | | 2.3 | 0.4 | 200 | | |
| 166 | 905 | 1000 | 12 | 3 | 1 | 10425.1022 | | | | | | | | 8.5 | 2.2 | 230 | 7.3 | |
| 167 | 905 | 2200 | 12 | 3 | 1 | 10425.1023 | | | | | | | | 1.1 | 0.3 | 205 | | |
| 168 | 906 | 1000 | 12 | 3 | 1 | 10425.1024 | | | | | | | | 5.3 | 1.8 | ..... | | |
| 169 | 910 | 1405 | ..... | 4 | 1 | 10426.1 | ..... | 0.080 | ..... | 0.239 | 0.110 | 0.316 | 6.0 | 11.0 | 48.0 | 1.3 | 0.3 | 200 | 8.4 | |

TABLE 7
WATER QUALITY DATA FOR SOUTH HIDDEN CREEK, BOW CROW FOREST, 1986
MAY 23, 1986 - SEPTEMBER 10, 1986

FOREST:BOW/CROW
CREEK: HIDDEN SOUTH
COMMENTS: CREST GAUGE, ISCO

PHASE 3 CODE: H16 A14 E2
LOCATION : 7-11-12-5-W5
RATING CURVE :FLOW=.608-6.442*STAGE+16.114*STAGE^2

AREA : 1420 HA
LAT/LONG: 49 59'/ 114 35

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 527 | 1400 | ..... | 4 | 1 | 10431.1 | ..... | 0.805 | ..... | 5.864 | ..... | ..... | 3.5 | 23.0 | ..... | 424.3 | 102.0 | 190 | |
| 2 | 527 | 1800 | 12 | 3 | 1 | 10433.102 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 869.1 | 160.0 | 170 | 7.3 |
| 3 | 528 | 600 | 12 | 3 | 1 | 10433.103 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 753.1 | 125.0 | 180 | |
| 4 | 528 | 1800 | 12 | 3 | 1 | 10433.104 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1473.4 | 130.0 | 165 | |
| 5 | 529 | 600 | 12 | 3 | 1 | 10433.105 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 683.4 | 150.0 | 180 | |
| 6 | 529 | 1800 | 12 | 3 | 1 | 10433.106 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 666.3 | 160.0 | 170 | 7.2 |
| 7 | 530 | 600 | 12 | 3 | 1 | 10433.107 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 313.3 | 110.0 | 180 | |
| 8 | 530 | 1800 | 12 | 3 | 1 | 10433.108 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 845.1 | 130.0 | 170 | |
| 9 | 531 | 600 | 12 | 3 | 1 | 10433.109 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 290.0 | 78.0 | 180 | |
| 10 | 531 | 1800 | 12 | 3 | 1 | 10433.1010 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 401.6 | 88.0 | 170 | 7.2 |
| 11 | 601 | 600 | 12 | 3 | 1 | 10433.1011 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 218.0 | 53.0 | 180 | |
| 12 | 601 | 1800 | 12 | 3 | 1 | 10433.1012 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 236.5 | 68.0 | 170 | |
| 13 | 602 | 600 | 12 | 3 | 1 | 10433.1013 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 118.9 | 40.0 | 180 | |
| 14 | 602 | 1800 | 12 | 3 | 1 | 10433.1014 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 158.7 | 44.0 | 175 | 7.9 |
| 15 | 603 | 600 | 12 | 3 | 1 | 10433.1015 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 100.6 | 29.0 | 180 | |
| 16 | 605 | 1300 | ..... | 4 | 1 | 10432.1 | 4 | 0.525 | ..... | 1.667 | 0.895 | 7.750 | 4.0 | 14.5 | ..... | 17.9 | 2.3 | 185 | |
| 17 | 605 | 1800 | 12 | 3 | 1 | 10436.102 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 56.5 | 4.9 | 200 | 7.8 |
| 18 | 606 | 600 | 12 | 3 | 1 | 10436.103 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32.9 | 4.0 | 200 | |
| 19 | 606 | 1800 | 12 | 3 | 1 | 10436.104 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 32.6 | 5.4 | 190 | |
| 20 | 607 | 600 | 12 | 3 | 1 | 10436.105 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 17.1 | 2.6 | 195 | |
| 21 | 607 | 1800 | 12 | 3 | 1 | 10436.106 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 24.6 | 3.9 | 195 | 7.8 |
| 22 | 608 | 600 | 12 | 3 | 1 | 10436.107 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 23.0 | 5.6 | 200 | |
| 23 | 608 | 1800 | 12 | 3 | 1 | 10436.108 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 21.4 | 3.0 | 200 | |
| 24 | 609 | 600 | 12 | 3 | 1 | 10436.109 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 17.5 | 2.1 | 200 | |
| 25 | 609 | 1455 | ..... | 3 | 1 | 10434.1 | ..... | 0.510 | 1 | 1.463 | 0.665 | 3.450 | 5.0 | 23.0 | ..... | 9.5 | 2.6 | 185 | |
| 26 | 609 | 1800 | 12 | 3 | 1 | 10436.1010 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 23.7 | 4.3 | 200 | 8.0 |
| 27 | 610 | 600 | 12 | 3 | 1 | 10436.1011 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 12.5 | 2.3 | 200 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 610 | 1800 | 12 | 3 | 1 | 10436.1012 | | | | | | | | | | 16.6 | 3.3 | 190 | |
| 29 | 611 | 600 | 12 | 3 | 1 | 10436.1013 | | | | | | | | | | 14.1 | 2.1 | 195 | |
| 30 | 611 | 1800 | 12 | 3 | 1 | 10436.1014 | | | | | | | | | | 16.3 | 2.8 | 185 | 7.8 |
| 31 | 612 | 600 | 12 | 3 | 1 | 10436.1015 | | | | | | | | | | 8.9 | 1.7 | 190 | |
| 32 | 612 | 1800 | 12 | 3 | 1 | 10436.1016 | | | | | | | | | | 8.7 | 1.9 | 195 | |
| 33 | 613 | 600 | 12 | 3 | 1 | 10436.1017 | | | | | | | | | | 8.4 | 1.6 | 200 | |
| 34 | 613 | 1800 | 12 | 3 | 1 | 10436.1018 | | | | | | | | | | 8.2 | 1.7 | 200 | 8.0 |
| 35 | 614 | 600 | 12 | 3 | 1 | 10436.1019 | | | | | | | | | | 16.8 | 2.6 | 200 | |
| 36 | 614 | 1800 | 12 | 3 | 1 | 10436.1020 | | | | | | | | | | 12.6 | 1.6 | 190 | |
| 37 | 615 | 600 | 12 | 3 | 1 | 10436.1021 | | | | | | | | | | 7.7 | 1.6 | 200 | |
| 38 | 615 | 1800 | 12 | 3 | 1 | 10436.1022 | | | | | | | | | | 6.3 | 0.8 | 195 | |
| 39 | 616 | 600 | 12 | 3 | 1 | 10436.1023 | | | | | | | | | | 8.0 | 1.4 | 200 | |
| 40 | 617 | 1800 | 12 | 3 | 1 | 10436.1026 | | | | | | | | | | 12.7 | 1.8 | 195 | 8.0 |
| 41 | 619 | 1135 | ..... | 4 | 1 | 10435.1 | 4 | 0.450 | 1 | 1.244 | 0.580 | 2.292 | 4.0 | 12.0 | ..... | 2.7 | 0.6 | 170 | |
| 42 | 619 | 1800 | 12 | 3 | 1 | 10440.101 | | | | | | | | | | 10.3 | 0.5 | 200 | 8.1 |
| 43 | 620 | 600 | 12 | 3 | 1 | 10440.102 | | | | | | | | | | 10.3 | 0.5 | 200 | |
| 44 | 620 | 1800 | 12 | 3 | 1 | 10440.103 | | | | | | | | | | 8.5 | 0.5 | 210 | |
| 45 | 621 | 600 | 12 | 3 | 1 | 10440.104 | | | | | | | | | | 5.1 | 0.3 | 210 | |
| 46 | 621 | 1800 | 12 | 3 | 1 | 10440.105 | | | | | | | | | | 6.1 | 0.4 | 210 | 8.2 |
| 47 | 622 | 600 | 12 | 3 | 1 | 10440.106 | | | | | | | | | | 8.2 | 0.5 | 210 | |
| 48 | 622 | 1355 | ..... | 4 | 1 | 10437.1 | ..... | 0.445 | 1 | 0.816 | 0.525 | 1.667 | 6.0 | 18.0 | ..... | 2.6 | 0.5 | 215 | |
| 49 | 622 | 1800 | 12 | 3 | 1 | 10440.107 | | | | | | | | | | 6.6 | 0.3 | 210 | |
| 50 | 623 | 600 | 12 | 3 | 1 | 10440.108 | | | | | | | | | | 7.6 | 0.3 | 210 | |
| 51 | 623 | 1800 | 12 | 3 | 1 | 10440.109 | | | | | | | | | | 8.3 | 0.6 | 200 | 8.2 |
| 52 | 624 | 600 | 12 | 3 | 1 | 10440.1010 | | | | | | | | | | 2.6 | 0.4 | 200 | |
| 53 | 624 | 1800 | 12 | 3 | 1 | 10440.1011 | | | | | | | | | | 4.6 | 0.5 | 195 | |
| 54 | 625 | 600 | 12 | 3 | 1 | 10440.1012 | | | | | | | | | | 2.4 | 0.4 | 200 | |
| 55 | 625 | 1800 | 12 | 3 | 1 | 10440.1013 | | | | | | | | | | 4.7 | 0.5 | 195 | 8.2 |
| 56 | 626 | 600 | 12 | 3 | 1 | 10440.1014 | | | | | | | | | | 5.8 | 0.3 | 200 | |
| 57 | 626 | 1800 | 12 | 3 | 1 | 10440.1015 | | | | | | | | | | 3.1 | 0.4 | 200 | |
| 58 | 627 | 600 | 12 | 3 | 1 | 10440.1016 | | | | | | | | | | 3.1 | 0.5 | 200 | |
| 59 | 627 | 1800 | 12 | 3 | 1 | 10440.1017 | | | | | | | | | | 3.4 | 0.4 | 200 | 8.2 |
| 60 | 628 | 600 | 12 | 3 | 1 | 10440.1018 | | | | | | | | | | 2.5 | 0.3 | 200 | |
| 61 | 628 | 1800 | 12 | 3 | 1 | 10440.1019 | | | | | | | | | | 3.3 | 0.5 | 200 | |
| 62 | 629 | 600 | 12 | 3 | 1 | 10440.1020 | | | | | | | | | | 1.7 | 0.6 | 195 | |
| 63 | 629 | 1800 | 12 | 3 | 1 | 10440.1021 | | | | | | | | | | 1.2 | 0.4 | 185 | |
| 64 | 630 | 600 | 12 | 3 | 1 | 10440.1022 | | | | | | | | | | 2.0 | 0.5 | 190 | |
| 65 | 630 | 1800 | 12 | 3 | 1 | 10440.1023 | | | | | | | | | | 3.1 | 0.6 | 190 | 8.1 |
| 66 | 701 | 600 | 12 | 3 | 1 | 10440.1024 | | | | | | | | | | 2.0 | 0.5 | 190 | |
| 67 | 701 | 1335 | ..... | 4 | 1 | 10439.1 | 4 | 0.410 | 1 | 0.627 | 0.430 | 0.817 | 7.5 | 19.5 | ..... | 1.8 | 0.4 | 190 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 701 | 1800 | 12 | 3 | 1 | 10440.1025 | | | | | | | | | 2.3 | 0.5 | 190 | |
| 69 | 702 | 600 | 12 | 3 | 1 | 10440.1026 | | | | | | | | | 1.7 | 0.4 | 190 | |
| 70 | 702 | 1800 | 12 | 3 | 1 | 10440.1027 | | | | | | | | | 2.3 | 0.5 | 190 | 8.1 |
| 71 | 703 | 600 | 12 | 3 | 1 | 10440.1028 | | | | | | | | | 4.5 | 0.4 | 190 | |
| 72 | 703 | 900 | ..... | 4 | 1 | 10441.1 | ..... | 0.410 | ..... | 0.676 | 0.410 | 0.676 | 5.0 | 14.0 ..... | 1.5 | 0.4 | 190 | |
| 73 | 703 | 1800 | 12 | 3 | 1 | 10445.101 | | | | | | | | | 1.2 | 0.3 | 190 | 8.1 |
| 74 | 704 | 600 | 12 | 3 | 1 | 10445.102 | | | | | | | | | 1.5 | 0.2 | 200 | |
| 75 | 704 | 1345 | ..... | 4 | 1 | 10444.1 | ..... | 0.370 | 1 | 0.424 | 0.375 | 0.458 | 6.0 | 14.0 ..... | 1.2 | 0.3 | 210 | 7.8 |
| 76 | 704 | 1800 | 12 | 3 | 1 | 10445.103 | | | | | | | | | 4.9 | 0.2 | 200 | |
| 77 | 705 | 600 | 12 | 3 | 1 | 10445.104 | | | | | | | | | 2.0 | 0.7 | 210 | |
| 78 | 705 | 1145 | ..... | 4 | 1 | 10442.1 | ..... | 0.385 | 1 | 0.524 | 0.410 | 0.676 | 5.0 | 11.0 ..... | 1.9 | 0.6 | 205 | |
| 79 | 705 | 1800 | 12 | 3 | 1 | 10445.105 | | | | | | | | | 0.6 | 0.3 | 190 | 8.1 |
| 80 | 706 | 600 | 12 | 3 | 1 | 10445.106 | | | | | | | | | 2.0 | 0.4 | 205 | |
| 81 | 706 | 1800 | 12 | 3 | 1 | 10445.107 | | | | | | | | | 1.4 | 0.4 | 195 | |
| 82 | 707 | 600 | 12 | 3 | 1 | 10445.108 | | | | | | | | | 0.9 | 0.2 | 200 | |
| 83 | 707 | 1800 | 12 | 3 | 1 | 10445.109 | | | | | | | | | 2.3 | 0.5 | 200 | 8.1 |
| 84 | 708 | 600 | 12 | 3 | 1 | 10445.1010 | | | | | | | | | 0.9 | 0.3 | 200 | |
| 85 | 708 | 1120 | ..... | 4 | 1 | 10443.1 | 1 | 0.400 | 1 | 0.517 | 0.400 | 0.609 | 6.0 | 18.5 ..... | 1.1 | 0.4 | 200 | |
| 86 | 708 | 1800 | 12 | 3 | 1 | 10445.1011 | | | | | | | | | 1.1 | 0.3 | 200 | |
| 87 | 709 | 600 | 12 | 3 | 1 | 10445.1012 | | | | | | | | | 1.2 | 0.3 | 200 | |
| 88 | 709 | 1800 | 12 | 3 | 1 | 10445.1013 | | | | | | | | | 0.6 | 0.3 | 190 | 8.1 |
| 89 | 710 | 600 | 12 | 3 | 1 | 10445.1014 | | | | | | | | | 0.0 | 0.3 | 200 | |
| 90 | 710 | 1800 | 12 | 3 | 1 | 10445.1015 | | | | | | | | | 0.0 | 0.2 | 200 | |
| 91 | 711 | 600 | 12 | 3 | 1 | 10445.1016 | | | | | | | | | 0.6 | 0.2 | 200 | |
| 92 | 711 | 1800 | 12 | 3 | 1 | 10445.1017 | | | | | | | | | 1.7 | 0.3 | 195 | 8.0 |
| 93 | 712 | 600 | 12 | 3 | 1 | 10445.1018 | | | | | | | | | 0.3 | 0.2 | 205 | |
| 94 | 712 | 1800 | 12 | 3 | 1 | 10445.1019 | | | | | | | | | 2.3 | 0.3 | 200 | |
| 95 | 713 | 600 | 12 | 3 | 1 | 10445.1020 | | | | | | | | | 0.9 | 0.3 | 200 | |
| 96 | 713 | 1800 | 12 | 3 | 1 | 10445.1021 | | | | | | | | | 1.1 | 0.3 | 200 | 8.0 |
| 97 | 714 | 600 | 12 | 3 | 1 | 10445.1022 | | | | | | | | | 1.5 | 0.8 | 200 | |
| 98 | 714 | 1800 | 12 | 3 | 1 | 10445.1023 | | | | | | | | | 0.0 | 0.2 | 200 | |
| 99 | 715 | 600 | 12 | 3 | 1 | 10445.1024 | | | | | | | | | 0.0 | 0.2 | 200 | |
| 100 | 715 | 1800 | 12 | 3 | 1 | 10445.1025 | | | | | | | | | 1.2 | 0.3 | 205 | 8.1 |
| 101 | 716 | 600 | 12 | 3 | 1 | 10445.1026 | | | | | | | | | 0.6 | 0.3 | 205 | |
| 102 | 716 | 1800 | 12 | 3 | 1 | 10447.101 | | | | | | | | | 0.9 | 0.8 | 210 | 8.2 |
| 103 | 717 | 600 | 12 | 3 | 1 | 10447.102 | | | | | | | | | 1.8 | 0.8 | 210 | |
| 104 | 717 | 1800 | 12 | 3 | 1 | 10447.103 | | | | | | | | | 0.0 | 0.4 | 210 | |
| 105 | 718 | 600 | 12 | 3 | 1 | 10447.104 | | | | | | | | | 1.2 | 0.8 | 215 | |
| 106 | 718 | 1800 | 12 | 3 | 1 | 10447.105 | | | | | | | | | 0.6 | 0.6 | 210 | 8.2 |
| 107 | 719 | 600 | 12 | 3 | 1 | 10447.106 | | | | | | | | | 2.0 | 0.5 | 210 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 719 | 1800 | 12 | 3 | 1 | 10447.107 | | | | | | | | | 0.5 | 0.2 | 210 | |
| 109 | 720 | 600 | 12 | 3 | 1 | 10447.108 | | | | | | | | | 2.3 | 0.4 | 210 | |
| 110 | 720 | 1145 | ..... | 4 | 1 | 10446.1 | 1 | 0.350 | 1 | 0.304 | 0.365 | 0.403 | 6.5 | 26.0 | 2.5 | 0.5 | 215 | 8.0 |
| 111 | 720 | 1800 | 12 | 3 | 1 | 10447.109 | | | | | | | | | 0.6 | 0.2 | 210 | 8.2 |
| 112 | 721 | 600 | 12 | 3 | 1 | 10447.1010 | | | | | | | | | 1.7 | 0.4 | 215 | |
| 113 | 721 | 1800 | 12 | 3 | 1 | 10447.1011 | | | | | | | | | 1.7 | 0.3 | 210 | |
| 114 | 722 | 600 | 12 | 3 | 1 | 10447.1012 | | | | | | | | | 2.0 | 0.4 | 210 | |
| 115 | 722 | 1800 | 12 | 3 | 1 | 10447.1013 | | | | | | | | | 1.1 | 0.3 | 210 | 8.2 |
| 116 | 723 | 600 | 12 | 3 | 1 | 10447.1014 | | | | | | | | | 0.6 | 0.2 | 210 | |
| 117 | 723 | 1800 | 12 | 3 | 1 | 10447.1015 | | | | | | | | | 1.4 | 0.3 | 210 | |
| 118 | 724 | 600 | 12 | 3 | 1 | 10447.1016 | | | | | | | | | 2.0 | 0.3 | 215 | |
| 119 | 724 | 1800 | 12 | 3 | 1 | 10447.1017 | | | | | | | | | 1.1 | 0.3 | 210 | 8.2 |
| 120 | 725 | 600 | 12 | 3 | 1 | 10447.1018 | | | | | | | | | 1.7 | 0.7 | 210 | |
| 121 | 725 | 1800 | 12 | 3 | 1 | 10447.1019 | | | | | | | | | 1.4 | 0.3 | 210 | |
| 122 | 726 | 600 | 12 | 3 | 1 | 10447.1020 | | | | | | | | | 0.3 | 0.3 | 210 | |
| 123 | 726 | 1800 | 12 | 3 | 1 | 10447.1021 | | | | | | | | | 1.9 | 0.3 | 220 | |
| 124 | 727 | 600 | 12 | 3 | 1 | 10447.1022 | | | | | | | | | 2.3 | 0.3 | 225 | |
| 125 | 727 | 1800 | 12 | 3 | 1 | 10447.1023 | | | | | | | | | 1.7 | 0.3 | 210 | |
| 126 | 728 | 600 | 12 | 3 | 1 | 10447.1024 | | | | | | | | | 2.0 | 0.3 | 210 | |
| 127 | 728 | 1300 | ..... | 4 | 1 | 10448.1 | ..... | 0.340 | 1 | 0.310 | 0.345 | 0.303 | 6.0 | 14.0 | 1.0 | 0.3 | 200 | 7.9 |
| 128 | 728 | 1800 | 12 | 3 | 1 | 10450.101 | | | | | | | | | 2.3 | 0.3 | 210 | |
| 129 | 729 | 600 | 12 | 3 | 1 | 10450.102 | | | | | | | | | 1.2 | 0.3 | 210 | |
| 130 | 729 | 1800 | 12 | 3 | 1 | 10450.103 | | | | | | | | | 1.1 | 0.5 | 210 | 8.1 |
| 131 | 730 | 600 | 12 | 3 | 1 | 10450.104 | | | | | | | | | 1.5 | 0.3 | 210 | |
| 132 | 730 | 1800 | 12 | 3 | 1 | 10450.105 | | | | | | | | | 1.1 | 0.3 | 210 | |
| 133 | 731 | 600 | 12 | 3 | 1 | 10450.106 | | | | | | | | | 1.7 | 0.2 | 210 | |
| 134 | 731 | 1800 | 12 | 3 | 1 | 10450.107 | | | | | | | | | 2.6 | 0.4 | 210 | 8.2 |
| 135 | 801 | 600 | 12 | 3 | 1 | 10450.108 | | | | | | | | | 1.7 | 0.5 | 210 | |
| 136 | 801 | 1800 | 12 | 3 | 1 | 10450.109 | | | | | | | | | 0.8 | 0.3 | 210 | |
| 137 | 802 | 600 | 12 | 3 | 1 | 10450.1010 | | | | | | | | | 0.6 | 0.3 | 215 | |
| 138 | 802 | 1800 | 12 | 3 | 1 | 10450.1011 | | | | | | | | | 0.8 | 0.3 | 210 | 8.1 |
| 139 | 803 | 600 | 12 | 3 | 1 | 10450.1012 | | | | | | | | | 0.9 | 0.3 | 210 | |
| 140 | 803 | 1305 | ..... | 4 | 1 | 10449.1 | 1 | 0.335 | 1 | 0.264 | 0.340 | 0.280 | 9.0 | 27.0 | 0.5 | 0.3 | 215 | |
| 141 | 803 | 1800 | 12 | 3 | 1 | 10450.1013 | | | | | | | | | 1.9 | 0.3 | 205 | |
| 142 | 804 | 600 | 12 | 3 | 1 | 10450.1014 | | | | | | | | | 1.4 | 0.3 | 215 | |
| 143 | 804 | 1800 | 12 | 3 | 1 | 10450.1015 | | | | | | | | | 3.0 | 0.5 | 220 | 8.2 |
| 144 | 805 | 600 | 12 | 3 | 1 | 10450.1016 | | | | | | | | | 0.5 | 0.3 | 210 | |
| 145 | 805 | 1800 | 12 | 3 | 1 | 10450.1017 | | | | | | | | | 0.8 | 0.3 | 210 | |
| 146 | 806 | 600 | 12 | 3 | 1 | 10450.1018 | | | | | | | | | 1.2 | 0.3 | 215 | |
| 147 | 806 | 1800 | 12 | 3 | 1 | 10452.101 | | | | | | | | | 0.8 | 0.3 | 225 | 8.3 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 807 | 600 | 12 | 3 | 1 | 10452.102 | | | | | | | | | | 0.3 | 0.2 | 225 | |
| 149 | 807 | 1800 | 12 | 3 | 1 | 10452.103 | | | | | | | | | | 0.8 | 0.3 | 225 | |
| 150 | 808 | 600 | 12 | 3 | 1 | 10452.104 | | | | | | | | | | 0.3 | 0.3 | 225 | |
| 151 | 808 | 1800 | 12 | 3 | 1 | 10452.105 | | | | | | | | | | 1.4 | 0.3 | 220 | 8.3 |
| 152 | 809 | 600 | 12 | 3 | 1 | 10452.106 | | | | | | | | | | 0.9 | 0.4 | 220 | |
| 153 | 809 | 1800 | 12 | 3 | 1 | 10452.107 | | | | | | | | | | 0.8 | 0.3 | 225 | |
| 154 | 810 | 600 | 12 | 3 | 1 | 10452.108 | | | | | | | | | | 0.9 | 0.3 | 230 | |
| 155 | 810 | 1800 | 12 | 3 | 1 | 10452.109 | | | | | | | | | | 1.1 | 0.3 | 230 | 8.2 |
| 156 | 811 | 600 | 12 | 3 | 1 | 10452.1010 | | | | | | | | | | 0.6 | 0.4 | 230 | |
| 157 | 811 | 1800 | 12 | 3 | 1 | 10452.1011 | | | | | | | | | | 1.4 | 0.3 | 230 | |
| 158 | 812 | 600 | 12 | 3 | 1 | 10452.1012 | | | | | | | | | | 1.4 | 0.3 | 230 | |
| 159 | 812 | 1210 | ..... | 4 | 1 | 10451.1 | 4 | 0.325 | 1 | 0.244 | 0.330 | 0.237 | 7.5 | 24.0 | ..... | 0.8 | 0.3 | 225 | |
| 160 | 812 | 1800 | 12 | 3 | 1 | 10452.1013 | | | | | | | | | | 1.4 | 0.4 | 230 | 8.3 |
| 161 | 813 | 600 | 12 | 3 | 1 | 10452.1014 | | | | | | | | | | 2.0 | 0.4 | 230 | |
| 162 | 813 | 1800 | 12 | 3 | 1 | 10452.1015 | | | | | | | | | | 1.4 | 0.3 | 230 | |
| 163 | 814 | 600 | 12 | 3 | 1 | 10452.1016 | | | | | | | | | | 0.9 | 0.3 | 230 | |
| 164 | 814 | 1800 | 12 | 3 | 1 | 10452.1017 | | | | | | | | | | 0.6 | 0.5 | 230 | 8.2 |
| 165 | 815 | 600 | 12 | 3 | 1 | 10452.1018 | | | | | | | | | | 1.2 | 0.4 | 230 | |
| 166 | 815 | 1315 | ..... | 4 | 1 | 10453.1 | ..... | 0.325 | 1 | 0.224 | 0.325 | 0.216 | 9.0 | 19.5 | ..... | 1.0 | 0.2 | 230 | 8.2 |
| 167 | 815 | 1800 | 12 | 3 | 1 | 10452.1019 | | | | | | | | | | 1.7 | 0.5 | 230 | |
| 168 | 816 | 600 | 12 | 3 | 1 | 10452.1020 | | | | | | | | | | 0.6 | 0.2 | 230 | |
| 169 | 816 | 1800 | 12 | 3 | 1 | 10452.1021 | | | | | | | | | | 1.0 | 0.5 | 210 | |
| 170 | 817 | 600 | 12 | 3 | 1 | 10452.1022 | | | | | | | | | | 0.7 | 0.3 | 215 | |
| 171 | 818 | 600 | 12 | 3 | 1 | 10452.1024 | | | | | | | | | | 2.0 | 0.6 | ..... | |
| 172 | 818 | 1122 | ..... | 4 | 1 | 10454.1 | ..... | 0.320 | 1 | 0.180 | 0.320 | 0.197 | 7.0 | 19.5 | ..... | 0.5 | 0.2 | 240 | 8.2 |
| 173 | 818 | 1800 | 12 | 3 | 1 | 10455.101 | | | | | | | | | | 1.4 | 0.3 | 225 | 8.2 |
| 174 | 819 | 600 | 12 | 3 | 1 | 10455.102 | | | | | | | | | | 0.9 | 0.3 | 225 | |
| 175 | 819 | 1800 | 12 | 3 | 1 | 10455.103 | | | | | | | | | | 1.4 | 0.3 | 225 | |
| 176 | 820 | 1800 | 12 | 3 | 1 | 10455.105 | | | | | | | | | | 2.3 | 0.6 | 225 | 8.2 |
| 177 | 821 | 600 | 12 | 3 | 1 | 10455.106 | | | | | | | | | | 0.9 | 0.4 | 215 | |
| 178 | 821 | 1800 | 12 | 3 | 1 | 10455.107 | | | | | | | | | | 0.6 | 0.3 | 220 | |
| 179 | 822 | 600 | 12 | 3 | 1 | 10455.108 | | | | | | | | | | 1.7 | 0.3 | 225 | |
| 180 | 822 | 1800 | 12 | 3 | 1 | 10455.109 | | | | | | | | | | 1.4 | 0.5 | 225 | 8.3 |
| 181 | 823 | 600 | 12 | 3 | 1 | 10455.1010 | | | | | | | | | | 0.3 | 0.3 | 225 | |
| 182 | 823 | 1800 | 12 | 3 | 1 | 10455.1011 | | | | | | | | | | 1.7 | 0.4 | 225 | |
| 183 | 824 | 600 | 12 | 3 | 1 | 10455.1012 | | | | | | | | | | 0.9 | 0.4 | 225 | |
| 184 | 824 | 1800 | 12 | 3 | 1 | 10455.1013 | | | | | | | | | | 0.6 | 0.5 | 225 | 8.3 |
| 185 | 825 | 600 | 12 | 3 | 1 | 10455.1014 | | | | | | | | | | 1.4 | 0.4 | 225 | |
| 186 | 825 | 2200 | 12 | 3 | 1 | 10456.101 | | | | | | | | | | 1.1 | 0.3 | 210 | 8.5 |
| 187 | 826 | 1000 | 12 | 3 | 1 | 10456.102 | | | | | | | | | | 0.3 | 0.3 | 210 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 826 | 2200 | 12 | 3 | 1 | 10456.103 | ..... | | | | | | | 1.4 | 0.3 | 210 | |
| 189 | 827 | 1000 | 12 | 3 | 1 | 10456.104 | ..... | | | | | | | 0.3 | 0.2 | 210 | |
| 190 | 827 | 2200 | 12 | 3 | 1 | 10456.105 | ..... | | | | | | | 0.3 | 0.3 | 215 | 8.5 |
| 191 | 828 | 1000 | 12 | 3 | 1 | 10456.106 | ..... | | | | | | | 0.9 | 0.3 | 215 | |
| 192 | 828 | 2200 | 12 | 3 | 1 | 10456.107 | ..... | | | | | | | 1.7 | 0.4 | 215 | |
| 193 | 829 | 1000 | 12 | 3 | 1 | 10456.108 | ..... | | | | | | | 0.6 | 0.3 | 210 | |
| 194 | 829 | 2200 | 12 | 3 | 1 | 10456.109 | ..... | | | | | | | 1.1 | 0.3 | 210 | 8.5 |
| 195 | 830 | 1000 | 12 | 3 | 1 | 10456.1010 | ..... | | | | | | | 0.6 | 0.3 | 210 | |
| 196 | 830 | 2200 | 12 | 3 | 1 | 10456.1011 | ..... | | | | | | | 1.7 | 0.7 | 190 | |
| 197 | 831 | 1000 | 12 | 3 | 1 | 10456.1012 | ..... | | | | | | | 0.9 | 0.3 | 200 | |
| 198 | 831 | 2200 | 12 | 3 | 1 | 10456.1013 | ..... | | | | | | | 0.6 | 0.3 | 200 | 8.5 |
| 199 | 901 | 1000 | 12 | 3 | 1 | 10456.1014 | ..... | | | | | | | 0.3 | 0.3 | 200 | |
| 200 | 901 | 2200 | 12 | 3 | 1 | 10456.1015 | ..... | | | | | | | 0.0 | 0.3 | 200 | |
| 201 | 902 | 1000 | 12 | 3 | 1 | 10456.1016 | ..... | | | | | | | 0.8 | 0.3 | 205 | |
| 202 | 902 | 2200 | 12 | 3 | 1 | 10456.1017 | ..... | | | | | | | 0.3 | 0.3 | 205 | 8.5 |
| 203 | 903 | 1000 | 12 | 3 | 1 | 10456.1018 | ..... | | | | | | | 2.2 | 0.6 | 205 | |
| 204 | 903 | 2200 | 12 | 3 | 1 | 10456.1019 | ..... | | | | | | | 1.4 | 0.4 | 205 | |
| 205 | 904 | 1000 | 12 | 3 | 1 | 10456.1020 | ..... | | | | | | | 0.9 | 0.3 | 210 | |
| 206 | 904 | 2200 | 12 | 3 | 1 | 10456.1021 | ..... | | | | | | | 2.6 | 0.3 | 200 | |
| 207 | 905 | 1000 | 12 | 3 | 1 | 10456.1022 | ..... | | | | | | | 3.7 | 0.5 | 210 | 8 |
| 208 | 905 | 2200 | 12 | 3 | 1 | 10456.1023 | ..... | | | | | | | 1.1 | 0.3 | 210 | |
| 209 | 906 | 1000 | 12 | 3 | 1 | 10456.1024 | ..... | | | | | | | 1.1 | 0.3 | 210 | |
| 210 | 906 | 2200 | 12 | 3 | 1 | 10456.1025 | ..... | | | | | | | 0.9 | 0.4 | 210 | |
| 211 | 907 | 2200 | 12 | 3 | 1 | 10456.1027 | ..... | | | | | | | 4.9 | 1.0 | 210 | 8 |
| 212 | 908 | 1000 | 12 | 3 | 1 | 10456.1028 | ..... | | | | | | | 1.7 | 0.3 | 210 | |
| 213 | 910 | 1430 | ..... | 4 | 1 | 10457.1 | ..... | 0.320 | ..... | 0.197 | 0.335 | 0.258 | 6.5 | 9.0 | ..... | 0.4 | 0.2 | 200 | |

TABLE 8
WATER QUALITY DATA FOR SOUTH HIDDEN TRIBUTARY, BOW CROW FOREST, 1986
JUNE 9, 1986 - SEPTEMBER 10, 1986

FOREST: BOW/CROW
CREEK: HIDDEN SOUTH TRIBUTARY
COMMENTS: CREST GAUGE

PHASE 3 CODE: H16 A14 E2
LOCATION : 4-12-12-5-W5
RATING CURVE : FLOW= .278-2.432*STAGE+5.210*STAGE^2

AREA
LAT/LON: 49 59'/ 114 34'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 609 | 1400 | ..... | 4 | 1 | 10461.1 | ..... | 0.490 | 1 | 0.351 | ..... | ..... | 8.0 | 20.5 | ..... | 2.2 | 2.3 | 115 | |
| 2 | 619 | 1315 | ..... | 4 | 1 | 10462.1 | 4 | 0.425 | 1 | 0.161 | 0.470 | 0.286 | 8.0 | 15.0 | ..... | 2.7 | 1.7 | 150 | |
| 3 | 622 | 1105 | ..... | 4 | 1 | 10463.1 | 4 | 0.395 | 1 | 0.145 | 0.405 | 0.148 | 6.0 | 18.0 | ..... | 1.3 | 1.1 | 155 | |
| 4 | 631 | 1100 | ..... | 4 | 1 | 10464.1 | 4 | 0.355 | 1 | 0.065 | 0.385 | 0.114 | 7.5 | 21.0 | ..... | 2.3 | 1.4 | 165 | |
| 5 | 705 | 1100 | ..... | 4 | 1 | 10465.1 | ..... | 0.370 | 1 | 0.086 | 0.370 | 0.091 | 6.0 | 14.5 | ..... | 1.7 | 1.3 | 170 | |
| 6 | 708 | 1035 | ..... | 4 | 1 | 10466.1 | 4 | 0.355 | 1 | 0.057 | 0.365 | 0.084 | 7.0 | 20.5 | ..... | 1.8 | 0.9 | 175 | |
| 7 | 716 | 1115 | ..... | 4 | 1 | 10467.1 | 1 | 0.330 | 1 | 0.035 | 0.335 | 0.048 | 7.5 | 19.5 | ..... | 1.3 | 0.5 | 185 | |
| 8 | 720 | 1100 | ..... | 4 | 1 | 10468.1 | 1 | 0.315 | 1 | 0.032 | 0.355 | 0.071 | 8.0 | 25.0 | ..... | 0.5 | 0.6 | 190 | |
| 9 | 728 | 1050 | ..... | 4 | 1 | 10469.1 | 4 | 0.305 | 1 | 0.029 | 0.315 | 0.029 | 6.5 | 14.0 | ..... | 0.3 | 0.4 | 200 | 7.7 |
| 10 | 803 | 1045 | ..... | 4 | 1 | 10470.1 | 1 | 0.290 | 1 | 0.018 | 0.315 | 0.029 | 8.0 | 23.0 | ..... | 0.9 | 0.4 | 220 | |
| 11 | 812 | 1048 | ..... | 4 | 1 | 10471.1 | 4 | 0.275 | 1 | 0.015 | 0.295 | 0.014 | 9.0 | 27.0 | ..... | 2.1 | 0.3 | 220 | |
| 12 | 815 | 1055 | ..... | 4 | 1 | 10472.1 | 4 | 0.270 | 1 | 0.009 | 0.280 | 0.006 | 8.5 | 18.0 | ..... | 1.4 | 0.4 | 230 | |
| 13 | 818 | 1005 | ..... | 4 | 1 | 10473.1 | ..... | 0.165 | 1 | 0.009 | 0.175 | 0.012 | 8.0 | 23.0 | ..... | 0.5 | 0.3 | 240 | |
| 14 | 910 | 1310 | ..... | 4 | 1 | 10474.1 | ..... | 0.290 | ..... | 0.011 | 0.340 | 0.053 | 7.0 | ..... | | 0.0 | 0.3 | 200 | |

TABLE 9
WATER QUALITY DATA FOR LEE CREEK, BOW CROW FOREST, 1986
MAY 12, 1986 - SEPTEMBER 3, 1986

FOREST:BOW/CROW
CREEK: LEE
COMMENTS: ISCO

PHASE 3 CODE:
LOCATION : 16-5-1-27-W4

AREA
LAT/LON: 49 01'/ 113 33'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 512 | 1355 | ..... | 4 | 1 | 10021.1 | ..... | | | | | | 8.0 | 14.0 | ..... | 3.1 | 1.7 | 390 | |
| 2 | 512 | 1800 | 12 | 3 | 1 | 10023.102 | ..... | | | | | | | | | 7.0 | 1.0 | 380 | |
| 3 | 513 | 600 | 12 | 3 | 1 | 10023.103 | ..... | | | | | | | | | 5.8 | 0.8 | 375 | 8.3 |
| 4 | 513 | 1800 | 12 | 3 | 1 | 10023.104 | ..... | | | | | | | | | 8.0 | 0.6 | 365 | |
| 5 | 514 | 600 | 12 | 3 | 1 | 10023.105 | ..... | | | | | | | | | 8.9 | 1.1 | 370 | |
| 6 | 514 | 1800 | 12 | 3 | 1 | 10023.106 | ..... | | | | | | | | | 3.6 | 0.7 | 380 | |
| 7 | 515 | 600 | 12 | 3 | 1 | 10023.107 | ..... | | | | | | | | | 0.9 | 2.2 | | |
| 8 | 515 | 1800 | 12 | 3 | 1 | 10023.108 | ..... | | | | | | | | | 2.4 | 1.6 | 380 | 8.3 |
| 9 | 516 | 600 | 12 | 3 | 1 | 10023.109 | ..... | | | | | | | | | 4.8 | 1.7 | 380 | |
| 10 | 516 | 1800 | 12 | 3 | 1 | 10023.1010 | ..... | | | | | | | | | 4.0 | 1.5 | 380 | |
| 11 | 517 | 600 | 12 | 3 | 1 | 10023.1011 | ..... | | | | | | | | | 8.6 | 5.7 | 380 | 8.4 |
| 12 | 517 | 1800 | 12 | 3 | 1 | 10023.1012 | ..... | | | | | | | | | 9.4 | 3.7 | 380 | |
| 13 | 518 | 600 | 12 | 3 | 1 | 10023.1013 | ..... | | | | | | | | | 7.0 | 3.5 | 385 | |
| 14 | 518 | 1800 | 12 | 3 | 1 | 10023.1014 | ..... | | | | | | | | | 18.5 | 9.6 | 375 | |
| 15 | 519 | 600 | 12 | 3 | 1 | 10023.1015 | ..... | | | | | | | | | 87.6 | 54.0 | 360 | 8.4 |
| 16 | 519 | 1800 | 12 | 3 | 1 | 10023.1016 | ..... | | | | | | | | | 48.7 | 25.0 | 360 | |
| 17 | 520 | 600 | 12 | 3 | 1 | 10023.1017 | ..... | | | | | | | | | 49.7 | 22.0 | 365 | |
| 18 | 520 | 1800 | 12 | 3 | 1 | 10023.1018 | ..... | | | | | | | | | 66.8 | 29.0 | 345 | |
| 19 | 521 | 1800 | 12 | 3 | 1 | 10025.102 | ..... | | | | | | | | | 62.1 | 22.2 | 310 | |
| 20 | 522 | 600 | 12 | 3 | 1 | 10025.103 | ..... | | | | | | | | | 34.9 | 11.1 | 310 | |
| 21 | 522 | 1326 | ..... | 4 | 1 | 10022.1 | ..... | | | | | | 5.0 | 10.0 | ..... | 31.7 | 13.0 | 360 | |
| 22 | 522 | 1800 | 12 | 3 | 1 | 10025.104 | ..... | | | | | | | | | 8.1 | 2.2 | 320 | |
| 23 | 523 | 600 | 12 | 3 | 1 | 10025.105 | ..... | | | | | | | | | 3.2 | 2.2 | 320 | 8.5 |
| 24 | 523 | 1800 | 12 | 3 | 1 | 10025.106 | ..... | | | | | | | | | 2.4 | 1.4 | 325 | |
| 25 | 524 | 600 | 12 | 3 | 1 | 10025.107 | ..... | | | | | | | | | 2.1 | 2.0 | 325 | |
| 26 | 524 | 1800 | 12 | 3 | 1 | 10025.108 | ..... | | | | | | | | | 3.0 | 1.3 | 330 | |
| 27 | 525 | 600 | 12 | 3 | 1 | 10025.109 | ..... | | | | | | | | | 8.0 | 4.4 | 325 | 8.5 |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 525 | 1800 | 12 | 3 | 1 | 10025.1010 | | | 16.6 | 2.4 | 325 | | |
| 29 | 526 | 600 | 12 | 3 | 1 | 10025.1011 | | | 19.7 | 8.8 | 310 | | |
| 30 | 526 | 1800 | 12 | 3 | 1 | 10025.1012 | | | 20.6 | 6.8 | 320 | | |
| 31 | 527 | 600 | 12 | 3 | 1 | 10025.1013 | | | 31.0 | 15.1 | 300 | 8.4 | |
| 32 | 527 | 1800 | 12 | 3 | 1 | 10025.1014 | | | 38.8 | 14.4 | 305 | | |
| 33 | 528 | 600 | 12 | 3 | 1 | 10025.1015 | | | 57.0 | 22.8 | 290 | | |
| 34 | 528 | 1305 | ..... | 4 | 1 | 10024.1 | 13.0 | 32.0 | 40.9 | 19.8 | 300 | 8.4 | |
| 35 | 528 | 1800 | 12 | 3 | 1 | 10027.102 | | | 68.8 | 36.0 | 290 | 8.2 | |
| 36 | 529 | 600 | 12 | 3 | 1 | 10027.103 | | | 57.9 | 24.0 | 290 | | |
| 37 | 529 | 1800 | 12 | 3 | 1 | 10027.104 | | | 53.6 | 24.0 | 290 | | |
| 38 | 530 | 600 | 12 | 3 | 1 | 10027.105 | | | 64.4 | 28.0 | 285 | | |
| 39 | 530 | 1800 | 12 | 3 | 1 | 10027.106 | | | 54.5 | 23.0 | 290 | 8.3 | |
| 40 | 531 | 600 | 12 | 3 | 1 | 10027.107 | | | 48.5 | 24.0 | 290 | | |
| 41 | 531 | 1800 | 12 | 3 | 1 | 10027.108 | | | 64.3 | 22.0 | 285 | | |
| 42 | 601 | 600 | 12 | 3 | 1 | 10027.109 | | | 42.2 | 18.0 | 290 | | |
| 43 | 601 | 1800 | 12 | 3 | 1 | 10027.1010 | | | 90.5 | 31.0 | 285 | 8.3 | |
| 44 | 602 | 600 | 12 | 3 | 1 | 10027.1011 | | | 34.8 | 21.0 | 285 | | |
| 45 | 602 | 1800 | 12 | 3 | 1 | 10027.1012 | | | 40.0 | 18.0 | 290 | | |
| 46 | 603 | 600 | 12 | 3 | 1 | 10027.1013 | | | 23.6 | 12.0 | 290 | | |
| 47 | 603 | 1800 | 12 | 3 | 1 | 10027.1014 | | | 20.0 | 11.0 | 295 | 8.4 | |
| 48 | 604 | 600 | 12 | 3 | 1 | 10027.1015 | | | 15.2 | 3.5 | 300 | | |
| 49 | 604 | 1800 | 12 | 3 | 1 | 10027.1016 | | | 17.6 | 4.2 | 305 | | |
| 50 | 605 | 600 | 12 | 3 | 1 | 10027.1017 | | | 15.1 | 3.6 | 310 | | |
| 51 | 605 | 1800 | 12 | 3 | 1 | 10027.1018 | | | 26.5 | 7.7 | 300 | 8.4 | |
| 52 | 606 | 600 | 12 | 3 | 1 | 10027.1019 | | | 17.9 | 4.4 | 310 | | |
| 53 | 606 | 1800 | 12 | 3 | 1 | 10027.1020 | | | 19.1 | 4.7 | 300 | | |
| 54 | 607 | 600 | 12 | 3 | 1 | 10027.1021 | | | 14.8 | 3.7 | 305 | | |
| 55 | 607 | 1800 | 12 | 3 | 1 | 10027.1022 | | | 15.3 | 4.0 | 325 | 8.5 | |
| 56 | 608 | 600 | 12 | 3 | 1 | 10027.1023 | | | 12.5 | 1.7 | 335 | | |
| 57 | 608 | 1800 | 12 | 3 | 1 | 10027.1024 | | | 13.4 | 2.8 | 335 | | |
| 58 | 609 | 600 | 12 | 3 | 1 | 10027.1025 | | | 28.2 | 11.0 | 340 | | |
| 59 | 609 | 1800 | 12 | 3 | 1 | 10027.1026 | | | 17.3 | 3.3 | 335 | 8.5 | |
| 60 | 610 | 600 | 12 | 3 | 1 | 10027.1027 | | | 13.6 | 2.2 | 340 | | |
| 61 | 610 | 1800 | 12 | 3 | 1 | 10027.1028 | | | 14.2 | 2.2 | 340 | | |
| 62 | 611 | 600 | 12 | 3 | 1 | 10027.1029 | | | 13.6 | 2.2 | 340 | | |
| 63 | 611 | 1210 | ..... | 4 | 1 | 10026.1 | 13.5 | 23.0 | 13.6 | 3.3 | 340 | | |
| 64 | 611 | 1800 | 12 | 3 | 1 | 10028.101 | | | 10.7 | 2.3 | 290 | 8.3 | |
| 65 | 612 | 600 | 12 | 3 | 1 | 10028.102 | | | 15.4 | 2.7 | 290 | | |
| 66 | 612 | 1800 | 12 | 3 | 1 | 10028.103 | | | 24.0 | 3.0 | 295 | | |
| 67 | 613 | 600 | 12 | 3 | 1 | 10028.104 | | | 17.5 | 2.7 | 300 | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 613 | 1800 | 12 | 3 | 1 | 10028.105 | | | 16.1 | 2.7 | 295 | 8.4 | |
| 69 | 614 | 600 | 12 | 3 | 1 | 10028.106 | | | 16.6 | 2.4 | 280 | | |
| 70 | 614 | 1800 | 12 | 3 | 1 | 10028.107 | | | 20.6 | 3.9 | 295 | | |
| 71 | 615 | 600 | 12 | 3 | 1 | 10028.108 | | | 26.2 | 5.3 | 310 | | |
| 72 | 615 | 1800 | 12 | 3 | 1 | 10028.109 | | | 16.4 | 3.3 | 285 | 8.3 | |
| 73 | 616 | 600 | 12 | 3 | 1 | 10028.1010 | | | 11.6 | 1.9 | 295 | | |
| 74 | 616 | 1800 | 12 | 3 | 1 | 10028.1011 | | | 11.0 | 1.9 | 305 | | |
| 75 | 617 | 600 | 12 | 3 | 1 | 10028.1012 | | | 9.1 | 1.6 | 310 | | |
| 76 | 617 | 1800 | 12 | 3 | 1 | 10028.1013 | | | 14.8 | 2.6 | 310 | 8.3 | |
| 77 | 618 | 600 | 12 | 3 | 1 | 10028.1014 | | | 9.4 | 1.6 | 305 | | |
| 78 | 618 | 1800 | 12 | 3 | 1 | 10028.1015 | | | 11.7 | 1.3 | 310 | | |
| 79 | 619 | 600 | 12 | 3 | 1 | 10028.1016 | | | 9.6 | 1.6 | 315 | | |
| 80 | 619 | 1800 | 12 | 3 | 1 | 10028.1017 | | | 9.0 | 1.4 | 305 | 8.3 | |
| 81 | 620 | 600 | 12 | 3 | 1 | 10028.1018 | | | 6.7 | 1.1 | 315 | | |
| 82 | 620 | 1800 | 12 | 3 | 1 | 10028.1019 | | | 10.6 | 1.6 | 320 | | |
| 83 | 621 | 600 | 12 | 3 | 1 | 10028.1020 | | | 12.1 | 2.3 | 325 | | |
| 84 | 621 | 1800 | 12 | 3 | 1 | 10028.1021 | | | 14.2 | 1.5 | 325 | | |
| 85 | 622 | 600 | 12 | 3 | 1 | 10028.1022 | | | 7.2 | 1.1 | 325 | | |
| 86 | 622 | 1800 | 12 | 3 | 1 | 10028.1023 | | | 11.3 | 1.4 | 315 | 8.3 | |
| 87 | 623 | 600 | 12 | 3 | 1 | 10028.1024 | | | 11.7 | 1.4 | 320 | | |
| 88 | 623 | 1800 | 12 | 3 | 1 | 10028.1025 | | | 10.1 | 0.6 | 320 | | |
| 89 | 624 | 600 | 12 | 3 | 1 | 10028.1026 | | | 8.5 | 0.9 | 325 | | |
| 90 | 624 | 1800 | 12 | 3 | 1 | 10028.1027 | | | 6.7 | 1.5 | 320 | 8.4 | |
| 91 | 625 | 600 | 12 | 3 | 1 | 10028.1028 | | | 6.1 | 1.2 | 335 | | |
| 92 | 626 | 1135 | ..... | 4 | 1 | 10029.1 | 11.5 | 17.0 ..... | 11.2 | 1.3 | 350 | | |
| 93 | 626 | 1800 | 12 | 3 | 1 | 10030.101 | | | 21.5 | 2.4 | 290 | 8.2 | |
| 94 | 627 | 600 | 12 | 3 | 1 | 10030.102 | | | 9.4 | 1.0 | 300 | | |
| 95 | 627 | 1800 | 12 | 3 | 1 | 10030.103 | | | 7.6 | 1.1 | 300 | | |
| 96 | 628 | 600 | 12 | 3 | 1 | 10030.104 | | | 8.8 | 1.2 | 305 | | |
| 97 | 628 | 1800 | 12 | 3 | 1 | 10030.105 | | | 6.0 | 1.5 | 295 | 8.2 | |
| 98 | 629 | 600 | 12 | 3 | 1 | 10030.106 | | | 13.3 | 2.3 | 310 | | |
| 99 | 629 | 1800 | 12 | 3 | 1 | 10030.107 | | | 16.4 | 4.1 | 310 | | |
| 100 | 630 | 600 | 12 | 3 | 1 | 10030.108 | | | 3.7 | 0.4 | 320 | | |
| 101 | 630 | 1800 | 12 | 3 | 1 | 10030.109 | | | 13.2 | 2.1 | 305 | 8.2 | |
| 102 | 701 | 600 | 12 | 3 | 1 | 10030.1010 | | | 7.9 | 1.1 | 315 | | |
| 103 | 701 | 1800 | 12 | 3 | 1 | 10030.1011 | | | 6.4 | 0.6 | 315 | | |
| 104 | 702 | 600 | 12 | 3 | 1 | 10030.1012 | | | 9.5 | 1.1 | 320 | | |
| 105 | 702 | 1800 | 12 | 3 | 1 | 10030.1013 | | | 5.5 | 0.5 | 320 | 8.2 | |
| 106 | 703 | 600 | 12 | 3 | 1 | 10030.1014 | | | 7.4 | 0.6 | 330 | | |
| 107 | 703 | 1800 | 12 | 3 | 1 | 10030.1015 | | | 4.8 | 0.5 | 320 | | |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 704 | 600 | 12 | 3 | 1 | 10030.1016 | | | 4.3 | 0.5 | 330 | | |
| 109 | 704 | 1800 | 12 | 3 | 1 | 10030.1017 | | | 2.8 | 0.6 | 310 | 8.2 | |
| 110 | 705 | 600 | 12 | 3 | 1 | 10030.1018 | | | 12.3 | 1.4 | 340 | | |
| 111 | 705 | 1800 | 12 | 3 | 1 | 10030.1019 | | | 6.1 | 0.6 | 320 | | |
| 112 | 706 | 600 | 12 | 3 | 1 | 10030.1020 | | | 8.8 | 0.5 | 330 | | |
| 113 | 706 | 1800 | 12 | 3 | 1 | 10030.1021 | | | 3.6 | 0.4 | 310 | | |
| 114 | 707 | 600 | 12 | 3 | 1 | 10030.1022 | | | 4.3 | 0.9 | 315 | 8.2 | |
| 115 | 707 | 1800 | 12 | 3 | 1 | 10030.1023 | | | 4.5 | 0.5 | 310 | | |
| 116 | 708 | 600 | 12 | 3 | 1 | 10030.1024 | | | 6.2 | 0.7 | 330 | | |
| 117 | 708 | 1800 | 12 | 3 | 1 | 10030.1025 | | | 5.5 | 0.4 | 310 | | |
| 118 | 709 | 600 | 12 | 3 | 1 | 10030.1026 | | | 4.5 | 0.9 | 335 | 8.2 | |
| 119 | 709 | 1800 | 12 | 3 | 1 | 10030.1027 | | | 7.8 | 0.6 | 320 | | |
| 120 | 710 | 600 | 12 | 3 | 1 | 10030.1028 | | | 3.0 | 0.6 | 340 | | |
| 121 | 710 | 1030 | ..... | 4 | 1 | 10031.1 | 13.0 | 21.5 | 2.5 | 0.6 | 330 | | |
| 122 | 710 | 1800 | 12 | 3 | 1 | 10032.101 | | | 9.1 | 2.1 | 290 | 8.2 | |
| 123 | 711 | 600 | 12 | 3 | 1 | 10032.102 | | | 5.5 | 0.6 | 290 | | |
| 124 | 711 | 1800 | 12 | 3 | 1 | 10032.103 | | | 3.9 | 0.4 | 290 | | |
| 125 | 712 | 600 | 12 | 3 | 1 | 10032.104 | | | 6.8 | 1.3 | 300 | | |
| 126 | 712 | 1800 | 12 | 3 | 1 | 10032.105 | | | 6.4 | 0.8 | 295 | 8.3 | |
| 127 | 713 | 600 | 12 | 3 | 1 | 10032.106 | | | 21.8 | 4.2 | 300 | | |
| 128 | 713 | 1800 | 12 | 3 | 1 | 10032.107 | | | 9.2 | 0.6 | 295 | | |
| 129 | 714 | 600 | 12 | 3 | 1 | 10032.108 | | | 6.9 | 0.8 | 300 | | |
| 130 | 714 | 1800 | 12 | 3 | 1 | 10032.109 | | | 4.6 | 0.9 | 300 | 8.2 | |
| 131 | 715 | 600 | 12 | 3 | 1 | 10032.1010 | | | 20.6 | 4.8 | 305 | | |
| 132 | 715 | 1800 | 12 | 3 | 1 | 10032.1011 | | | 4.3 | 0.5 | 305 | | |
| 133 | 716 | 600 | 12 | 3 | 1 | 10032.1012 | | | 7.0 | 0.8 | 310 | | |
| 134 | 716 | 1800 | 12 | 3 | 1 | 10032.1013 | | | 6.2 | 0.8 | 315 | 8.2 | |
| 135 | 717 | 600 | 12 | 3 | 1 | 10032.1014 | | | 3.8 | 0.5 | 315 | | |
| 136 | 717 | 1800 | 12 | 3 | 1 | 10032.1015 | | | 2.5 | 0.4 | 315 | | |
| 137 | 718 | 600 | 12 | 3 | 1 | 10032.1016 | | | 4.1 | 0.5 | 320 | | |
| 138 | 718 | 1800 | 12 | 3 | 1 | 10032.1017 | | | 4.0 | 0.5 | 315 | 8.2 | |
| 139 | 719 | 600 | 12 | 3 | 1 | 10032.1018 | | | 8.3 | 0.5 | 330 | | |
| 140 | 719 | 1800 | 12 | 3 | 1 | 10032.1019 | | | 6.2 | 0.4 | 320 | | |
| 141 | 720 | 600 | 12 | 3 | 1 | 10032.1020 | | | 6.5 | 0.5 | 340 | | |
| 142 | 720 | 1800 | 12 | 3 | 1 | 10032.1021 | | | 5.2 | 0.5 | 300 | 8.3 | |
| 143 | 721 | 600 | 12 | 3 | 1 | 10032.1022 | | | 8.1 | 0.4 | 320 | | |
| 144 | 721 | 1800 | 12 | 3 | 1 | 10032.1023 | | | 4.3 | 0.6 | 320 | | |
| 145 | 722 | 600 | 12 | 3 | 1 | 10032.1024 | | | 8.8 | 0.7 | 330 | | |
| 146 | 722 | 1800 | 12 | 3 | 1 | 10032.1025 | | | 7.4 | 0.6 | 330 | 8.3 | |
| 147 | 723 | 600 | 12 | 3 | 1 | 10032.1026 | | | 6.7 | 0.8 | 335 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 723 | 1800 | 12 | 3 | 1 | 10032.1027 | | | | | | | | 11.1 | 0.6 | 340 | |
| 149 | 724 | 600 | 12 | 3 | 1 | 10032.1028 | | | | | | | | 4.9 | 0.5 | 345 | |
| 150 | 724 | 1105 | ..... | 4 | 1 | 10033.1 | | | | | | 13.0 | 22.5 | 2.1 | 0.3 | 330 | |
| 151 | 724 | 1800 | 12 | 3 | 1 | 10034.101 | | | | | | | | 6.8 | 0.9 | 300 | 8.3 |
| 152 | 725 | 600 | 12 | 3 | 1 | 10034.102 | | | | | | | | 6.1 | 0.9 | 305 | |
| 153 | 725 | 1800 | 12 | 3 | 1 | 10034.103 | | | | | | | | 5.8 | 0.4 | 290 | |
| 154 | 726 | 600 | 12 | 3 | 1 | 10034.104 | | | | | | | | 7.9 | 0.9 | 310 | |
| 155 | 726 | 1800 | 12 | 3 | 1 | 10034.105 | | | | | | | | 4.9 | 0.8 | 300 | 8.3 |
| 156 | 727 | 600 | 12 | 3 | 1 | 10034.106 | | | | | | | | 7.1 | 0.7 | 310 | |
| 157 | 727 | 1800 | 12 | 3 | 1 | 10034.107 | | | | | | | | 12.6 | 1.7 | 310 | |
| 158 | 728 | 600 | 12 | 3 | 1 | 10034.108 | | | | | | | | 7.7 | 0.4 | 310 | |
| 159 | 728 | 1800 | 12 | 3 | 1 | 10034.109 | | | | | | | | 5.8 | 0.7 | 310 | 8.3 |
| 160 | 729 | 600 | 12 | 3 | 1 | 10034.1010 | | | | | | | | 6.5 | 0.7 | 315 | |
| 161 | 729 | 1800 | 12 | 3 | 1 | 10034.1011 | | | | | | | | 7.5 | 0.9 | 310 | |
| 162 | 730 | 600 | 12 | 3 | 1 | 10034.1012 | | | | | | | | 5.2 | 0.4 | 310 | |
| 163 | 730 | 1800 | 12 | 3 | 1 | 10034.1013 | | | | | | | | 9.2 | 1.4 | 320 | 8.1 |
| 164 | 731 | 600 | 12 | 3 | 1 | 10034.1014 | | | | | | | | 7.5 | 0.5 | 325 | |
| 165 | 731 | 1800 | 12 | 3 | 1 | 10034.1015 | | | | | | | | 6.9 | 0.4 | 310 | |
| 166 | 801 | 600 | 12 | 3 | 1 | 10034.1016 | | | | | | | | 6.9 | 0.5 | 325 | |
| 167 | 801 | 1800 | 12 | 3 | 1 | 10034.1017 | | | | | | | | 8.6 | 1.6 | 320 | 8.3 |
| 168 | 802 | 600 | 12 | 3 | 1 | 10034.1018 | | | | | | | | 11.4 | 0.7 | 340 | |
| 169 | 802 | 1800 | 12 | 3 | 1 | 10034.1019 | | | | | | | | 7.4 | 0.6 | 325 | |
| 170 | 803 | 600 | 12 | 3 | 1 | 10034.1020 | | | | | | | | 11.1 | 1.4 | 345 | |
| 171 | 803 | 1800 | 12 | 3 | 1 | 10034.1021 | | | | | | | | 13.3 | 2.4 | 340 | |
| 172 | 804 | 600 | 12 | 3 | 1 | 10034.1022 | | | | | | | | 9.7 | 1.2 | 350 | |
| 173 | 804 | 1800 | 12 | 3 | 1 | 10034.1023 | | | | | | | | 20.0 | 4.1 | 340 | |
| 174 | 805 | 600 | 12 | 3 | 1 | 10034.1024 | | | | | | | | 6.4 | 1.2 | 360 | 8.1 |
| 175 | 805 | 1800 | 12 | 3 | 1 | 10034.1025 | | | | | | | | 7.0 | 0.6 | 350 | |
| 176 | 806 | 600 | 12 | 3 | 1 | 10034.1026 | | | | | | | | 6.7 | 0.5 | 360 | |
| 177 | 806 | 1800 | 12 | 3 | 1 | 10034.1027 | | | | | | | | 25.5 | 0.9 | 345 | |
| 178 | 807 | 600 | 12 | 3 | 1 | 10034.1028 | | | | | | | | 10.3 | 0.9 | 375 | 8.0 |
| 179 | 807 | 1215 | ..... | 4 | 1 | 10035.1 | | | | | | 16.0 | 27.0 | 1.0 | 0.3 | 360 | |
| 180 | 807 | 1800 | 12 | 3 | 1 | 10036.101 | | | | | | | | 14.5 | 2.0 | 260 | 8.4 |
| 181 | 808 | 600 | 12 | 3 | 1 | 10036.102 | | | | | | | | 16.3 | 2.1 | 265 | |
| 182 | 808 | 1800 | 12 | 3 | 1 | 10036.103 | | | | | | | | 7.1 | 1.0 | 265 | |
| 183 | 809 | 600 | 12 | 3 | 1 | 10036.104 | | | | | | | | 12.0 | 1.5 | 270 | |
| 184 | 809 | 1800 | 12 | 3 | 1 | 10036.105 | | | | | | | | 12.3 | 1.3 | 275 | 7.9 |
| 185 | 810 | 600 | 12 | 3 | 1 | 10036.106 | | | | | | | | 9.5 | 1.1 | 265 | 8.4 |
| 186 | 810 | 1800 | 12 | 3 | 1 | 10036.107 | | | | | | | | 7.7 | 0.5 | 270 | |
| 187 | 811 | 600 | 12 | 3 | 1 | 10036.108 | | | | | | | | 9.4 | 0.7 | 280 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 811 | 1800 | 12 | 3 | 1 | 10036.109 | | | | | 6.2 | 0.6 | 265 | 8.4 |
| 189 | 812 | 600 | 12 | 3 | 1 | 10036.1010 | | | | | 8.8 | 0.8 | 275 | |
| 190 | 812 | 1800 | 12 | 3 | 1 | 10036.1011 | | | | | 5.2 | 0.5 | 275 | |
| 191 | 813 | 600 | 12 | 3 | 1 | 10036.1012 | | | | | 6.6 | 0.6 | 280 | |
| 192 | 813 | 1800 | 12 | 3 | 1 | 10036.1013 | | | | | 4.6 | 1.0 | 285 | 8.4 |
| 193 | 814 | 600 | 12 | 3 | 1 | 10036.1014 | | | | | 9.7 | 3.1 | 310 | |
| 194 | 814 | 1800 | 12 | 3 | 1 | 10036.1015 | | | | | 3.8 | 0.3 | 280 | |
| 195 | 815 | 600 | 12 | 3 | 1 | 10036.1016 | | | | | 8.3 | 0.6 | 275 | |
| 196 | 815 | 1800 | 12 | 3 | 1 | 10036.1017 | | | | | 6.6 | 0.8 | 290 | 8.4 |
| 197 | 816 | 600 | 12 | 3 | 1 | 10036.1018 | | | | | 7.5 | 0.7 | 305 | |
| 198 | 816 | 1800 | 12 | 3 | 1 | 10036.1019 | | | | | 6.8 | 0.7 | 295 | |
| 199 | 817 | 600 | 12 | 3 | 1 | 10036.1020 | | | | | 6.2 | 0.8 | 305 | |
| 200 | 817 | 1800 | 12 | 3 | 1 | 10036.1021 | | | | | 4.6 | 0.6 | 300 | 8.4 |
| 201 | 818 | 600 | 12 | 3 | 1 | 10036.1022 | | | | | 6.7 | 0.4 | 310 | |
| 202 | 818 | 1800 | 12 | 3 | 1 | 10036.1023 | | | | | 5.2 | 0.6 | 300 | |
| 203 | 819 | 600 | 12 | 3 | 1 | 10036.1024 | | | | | 11.4 | 0.4 | 320 | |
| 204 | 819 | 1800 | 12 | 3 | 1 | 10036.1025 | | | | | 5.5 | 0.6 | 315 | 8.4 |
| 205 | 820 | 600 | 12 | 3 | 1 | 10036.1026 | | | | | 5.8 | 0.4 | 335 | |
| 206 | 820 | 1800 | 12 | 3 | 1 | 10036.1027 | | | | | 4.9 | 0.3 | 320 | |
| 207 | 821 | 600 | 12 | 3 | 1 | 10036.1028 | | | | | 4.6 | 0.4 | 340 | |
| 208 | 821 | 1315 | ..... | 1 | 1 | 10037.1 | 12.0 | 17.5 | ..... | | 3.8 | 0.6 | 330 | |
| 209 | 903 | 1030 | ..... | 1 | 1 | 10038.1 | 11.5 | 14.0 | ..... | | 1.3 | 0.7 | 340 | |

TABLE 10
WATER QUALITY DATA FOR OYSTER CONFLUENCE, BOW CROW FOREST, 1986
MAY 25, 1986 - SEPTEMBER 11, 1986

FOREST:BOW/CROW
CREEK: OYSTER CONFLUENCE
COMMENTS: CREST GAUGE

PHASE 3 CODE : H16 A14 E7 AREA
LOCATION : 13-29-13-5-W5 LAT/LON: 50 07'/ 114 40'
RATING CURVE : FLOW=.236-1.968*STAGE+9.911*STAGE^2

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 525 | 1352 | ..... | 4 | 1 | 10281.1 | ..... | | ..... | | ..... | | 6.0 | 25.0 | ..... | 31.5 | 13.1 | 135 | 7.3 |
| 2 | 526 | 1430 | ..... | 4 | 1 | 10282.1 | ..... | 0.620 | ..... | 2.826 | ..... | | 5.5 | 26.0 | ..... | 116.9 | 33.0 | 125 | |
| 3 | 608 | 1132 | ..... | 4 | 1 | 10283.1 | ..... | 0.495 | 1 | 1.642 | ..... | | 4.0 | 14.0 | ..... | 18.7 | 5.0 | 145 | 7.6 |
| 4 | 610 | 1300 | ..... | 4 | 1 | 10284.1 | ..... | 0.460 | 1 | 1.500 | 0.550 | 2.152 | 6.5 | 23.0 | ..... | 14.9 | 3.0 | 165 | |
| 5 | 617 | 1430 | ..... | 4 | 1 | 10285.1 | 4 | 0.375 | 1 | 0.859 | 0.480 | 1.575 | 7.0 | 24.0 | ..... | 4.2 | 1.6 | 190 | 8.1 |
| 6 | 621 | 1125 | ..... | 4 | 1 | 10286.1 | ..... | 0.315 | 1 | 0.632 | 0.385 | 0.947 | 5.0 | 14.0 | ..... | 3.7 | 1.3 | 210 | |
| 7 | 627 | 1030 | ..... | 4 | 1 | 10287.1 | 4 | 0.260 | 1 | 0.498 | 0.310 | 0.578 | 7.0 | 19.0 | ..... | 3.2 | 0.8 | 220 | 8.0 |
| 8 | 704 | 1007 | ..... | 4 | 1 | 10288.1 | 4 | 0.255 | 1 | 0.419 | 0.295 | 0.518 | 4.0 | 8.5 | ..... | 1.8 | 0.6 | 220 | |
| 9 | 706 | 1135 | ..... | 4 | 1 | 10289.1 | 4 | 0.280 | 1 | 0.399 | 0.320 | 0.621 | 7.5 | 18.0 | ..... | 3.7 | 1.3 | 220 | 8.0 |
| 10 | 714 | 1325 | ..... | 4 | 1 | 10290.1 | 1 | 0.215 | 1 | 0.248 | 0.240 | 0.335 | 8.0 | 23.0 | ..... | 1.2 | 0.7 | 235 | |
| 11 | 718 | 1300 | ..... | 4 | 1 | 10291.1 | 4 | 0.220 | 1 | 0.258 | 0.275 | 0.444 | 8.0 | 15.0 | ..... | 1.7 | 2.3 | 220 | 8.1 |
| 12 | 722 | 1120 | ..... | 4 | 1 | 10292.1 | 4 | 0.185 | 1 | 0.244 | 0.205 | 0.249 | 7.5 | 17.0 | ..... | 0.9 | 0.4 | 235 | |
| 13 | 729 | 1125 | ..... | 4 | 1 | 10293.1 | 4 | 0.255 | 1 | 0.279 | 0.325 | 0.643 | 7.0 | 12.0 | ..... | 1.4 | 1.4 | 210 | |
| 14 | 802 | 1145 | ..... | 4 | 1 | 10294.1 | 1 | 0.185 | 1 | 0.241 | 0.205 | 0.249 | 8.5 | 23.0 | ..... | 1.7 | 0.4 | 240 | |
| 15 | 804 | 1125 | ..... | 4 | 1 | 10295.1 | 1 | 0.185 | 1 | 0.200 | 0.185 | 0.211 | 9.0 | 19.0 | ..... | 3.8 | 0.5 | 250 | |
| 16 | 811 | 1425 | ..... | 4 | 1 | 10296.1 | 4 | 0.175 | 1 | 0.216 | 0.215 | 0.271 | 14.5 | 21.0 | ..... | 2.6 | 3.0 | 240 | 8.4 |
| 17 | 814 | 1300 | ..... | 4 | 1 | 10297.1 | ..... | 0.160 | 1 | 0.180 | 0.175 | 0.195 | 11.5 | 20.5 | ..... | 5.8 | 0.5 | 260 | |
| 18 | 817 | 1347 | ..... | 4 | 1 | 10298.1 | ..... | 0.170 | 1 | 0.144 | 0.185 | 0.211 | 11.5 | 23.0 | ..... | 1.3 | 0.3 | 260 | |
| 19 | 827 | 1215 | ..... | 4 | 1 | 10299.1 | 4 | 0.130 | ..... | 0.148 | 0.145 | 0.159 | 9.0 | 22.0 | ..... | 2.6 | 0.3 | 250 | |
| 20 | 911 | 1215 | ..... | 4 | 1 | 10300.1 | ..... | 0.165 | ..... | 0.181 | 0.245 | 0.349 | 2.0 | 2.5 | ..... | 1.8 | 0.4 | 230 | |

TABLE 11
WATER QUALITY DATA FOR EAST OYSTER CREEK, BOW CROW FOREST, 1986
MAY 25, 1986 - SEPTEMBER 11, 1986

FOREST:BOW/CROW
CREEK: EAST OYSTER
COMMENTS: STEVENS GAUGE

PHASE 3 CODE: H16 A1 4E7
LOCATION : 4-5-14-5-W5
RATING CURVE: FLOW = 30.538-53.204*STAGE+23.153*STAGE^2

AREA : 929 HA
LAT/LON: 50 08'/ 114 40'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 525 | 1120 | ..... | 4 | 1 | 10221.1 | 4 | ..... | 1 | 0.526 | ..... | ..... | 3.0 | 18.0 | ..... | 28.5 | 12.5 | 95 | |
| 2 | 603 | 1325 | ..... | 4 | 1 | 10222.1 | 4 | ..... | 1 | 0.887 | ..... | ..... | 6.0 | 13.5 | ..... | 52.8 | 21.0 | 135 | 7.5 |
| 3 | 606 | 1430 | ..... | 4 | 1 | 10223.1 | ..... | ..... | ..... | ..... | ..... | ..... | 6.0 | 18.0 | ..... | 22.4 | 6.3 | 120 | |
| 4 | 608 | 1403 | ..... | 4 | 1 | 10224.1 | ..... | ..... | 1 | 0.511 | ..... | ..... | 10.0 | 4.0 | ..... | 18.5 | 5.6 | 125 | |
| 5 | 610 | 1054 | ..... | 4 | 1 | 10225.1 | ..... | 1.278 | 1 | 0.355 | ..... | ..... | 5.0 | 18.0 | ..... | 8.6 | 1.6 | 195 | 7.8 |
| 6 | 618 | 1148 | ..... | 4 | 1 | 10226.1 | ..... | 1.252 | 1 | 0.222 | ..... | ..... | 7.0 | 15.0 | ..... | 7.6 | 3.0 | 180 | 8.0 |
| 7 | 621 | 1043 | ..... | 4 | 1 | 10227.1 | ..... | 1.242 | 1 | 0.169 | ..... | ..... | 4.0 | 15.0 | ..... | 1.8 | 1.4 | 190 | |
| 8 | 625 | 1142 | ..... | 4 | 1 | 10228.1 | ..... | 1.231 | 1 | 0.140 | ..... | ..... | 9.0 | 21.0 | ..... | 0.6 | 1.3 | 200 | |
| 9 | 702 | 1415 | ..... | 4 | 1 | 10229.1 | ..... | 1.218 | 1 | 0.085 | ..... | ..... | 14.0 | 19.0 | ..... | 4.0 | 1.4 | 220 | |
| 10 | 704 | 1225 | ..... | 4 | 1 | 10230.1 | 1 | 1.214 | 1 | 0.056 | ..... | ..... | 10.5 | 20.0 | ..... | 2.0 | 0.9 | 230 | |
| 11 | 706 | 1045 | ..... | 4 | 1 | 10231.1 | 4 | 1.221 | 1 | 0.089 | ..... | ..... | 6.0 | 17.0 | ..... | 3.2 | 2.0 | 210 | 8.1 |
| 12 | 718 | 1150 | ..... | 4 | 1 | 10232.1 | 4 | 1.219 | 1 | 0.079 | ..... | ..... | 7.5 | 15.0 | ..... | 2.5 | 3.1 | 210 | |
| 13 | 722 | 1040 | ..... | 4 | 1 | 10233.1 | 1 | 1.203 | 1 | 0.053 | ..... | ..... | 7.5 | 16.0 | ..... | 9.9 | 2.0 | 220 | 8.0 |
| 14 | 729 | 1047 | ..... | 4 | 1 | 10234.1 | 2 | 1.218 | 1 | 0.081 | ..... | ..... | 6.5 | 13.0 | ..... | 2.4 | 0.3 | 210 | |
| 15 | 802 | 1055 | ..... | 4 | 1 | 10235.1 | 1 | 1.207 | 1 | 0.048 | ..... | ..... | 7.5 | 19.0 | ..... | 2.9 | 1.6 | 230 | 8.1 |
| 16 | 804 | 1045 | ..... | 4 | 1 | 10236.1 | 1 | 1.205 | 1 | 0.046 | ..... | ..... | 9.0 | 19.0 | ..... | 12.3 | 2.1 | 255 | |
| 17 | 811 | 1345 | ..... | 4 | 1 | 10237.1 | 1 | 1.203 | 1 | 0.044 | ..... | ..... | 15.5 | 25.0 | ..... | 5.3 | 5.3 | 240 | |
| 18 | 814 | 1202 | ..... | 4 | 1 | 10238.1 | 1 | 1.204 | 1 | 0.039 | ..... | ..... | 11.0 | 19.0 | ..... | 2.5 | 0.8 | 260 | |
| 19 | 817 | 1255 | ..... | 4 | 1 | 10239.1 | 1 | 1.204 | 1 | 0.036 | ..... | ..... | 12.0 | 22.0 | ..... | 1.7 | 0.9 | 330 | 8.4 |
| 20 | 827 | 1150 | ..... | 4 | 1 | 10240.1 | 1 | 1.203 | ..... | 0.041 | ..... | ..... | 9.5 | 21.5 | ..... | 1.8 | 0.5 | 255 | |
| 21 | 911 | 1145 | ..... | 4 | 1 | 10241.1 | 1 | 1.202 | ..... | 0.038 | ..... | ..... | 1.0 | 1.5 | ..... | 3.9 | 2.8 | 225 | |

TABLE 12
WATER QUALITY DATA FOR WEST OYSTER CREEK, BOW CROW FOREST, 1986
MAY 25, 1986 - SEPTEMBER 11, 1986

FOREST:BOW/CROW
CREEK: WEST OYSTER
COMMENTS: STEVENS GAUGE

PHASE 3 CODE: H16 A14 E7
LOCATION : 1-6-14-5-W5
RATING CURVE: FLOW = 3.554-10.235*STAGE+7.397*STAGE^2

AREA : 1160 HA
LAT/LON: 50 08' / 114 40

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 525 | 1240 | ..... | 4 | 1 | 10251.1 | ..... | | 1 | 0.679 | ..... | ..... | 4.0 | 22.0 | ..... | 17.7 | 6.0 | 155 | |
| 2 | 603 | 1505 | ..... | 4 | 1 | 10252.1 | ..... | ..... | ..... | ..... | ..... | ..... | 5.0 | 16.0 | ..... | 60.2 | 30.0 | 110 | |
| 3 | 606 | 1340 | ..... | 4 | 1 | 10253.1 | 4 | 1.140 | 1 | 1.440 | ..... | ..... | 5.0 | 16.5 | 2.8 | 23.6 | 4.2 | 135 | |
| 4 | 608 | 1315 | ..... | 4 | 1 | 10254.1 | ..... | 1.125 | 1 | 1.701 | ..... | ..... | 5.0 | 10.0 | 10.4 | 19.8 | 4.2 | 110 | |
| 5 | 610 | 1128 | ..... | 4 | 1 | 10255.1 | ..... | 1.089 | 1 | 1.279 | ..... | ..... | 5.0 | 18.0 | 3.6 | 14.4 | 2.9 | 160 | |
| 6 | 618 | 1112 | ..... | 4 | 1 | 10256.1 | 4 | 1.000 | 1 | 0.607 | ..... | ..... | 5.0 | 15.0 | 18.4 | 8.6 | 1.6 | 180 | |
| 7 | 621 | 1012 | ..... | 4 | 1 | 10257.1 | 4 | 0.952 | 1 | 0.539 | ..... | ..... | 4.0 | 14.0 | 7.4 | 4.9 | 1.3 | 195 | |
| 8 | 625 | 1104 | ..... | 4 | 1 | 10258.1 | ..... | 0.928 | 1 | 0.410 | ..... | ..... | 7.5 | 21.0 | 2.0 | 2.8 | 0.5 | 205 | |
| 9 | 702 | 1221 | ..... | 4 | 1 | 10259.1 | ..... | 0.880 | 1 | 0.303 | ..... | ..... | 9.5 | 19.0 | 10.8 | 4.9 | 0.6 | 210 | |
| 10 | 706 | 1019 | ..... | 4 | 1 | 10260.1 | 1 | 0.875 | 1 | 0.262 | ..... | ..... | 5.5 | 16.0 | 23.6 | 2.4 | 0.4 | 210 | |
| 11 | 714 | 1120 | ..... | 4 | 1 | 10261.1 | 1 | 0.850 | 1 | 0.174 | ..... | ..... | 7.0 | 16.5 | 12.6 | 1.4 | 0.4 | 220 | |
| 12 | 718 | 1105 | ..... | 4 | 1 | 10262.1 | 4 | 0.867 | 1 | 0.224 | ..... | ..... | 6.0 | 15.0 | 22.8 | 2.3 | 1.6 | 210 | |
| 13 | 722 | 1015 | ..... | 4 | 1 | 10263.1 | 4 | 0.840 | 1 | 0.153 | ..... | ..... | 6.5 | 20.0 | 1.6 | 0.7 | 0.4 | 210 | |
| 14 | 729 | 1020 | ..... | 4 | 1 | 10264.1 | 2 | 0.880 | 1 | 0.267 | ..... | ..... | 5.5 | 13.0 | 35.6 | 3.1 | 0.8 | 200 | |
| 15 | 802 | 1010 | ..... | 4 | 1 | 10265.1 | 1 | 0.845 | 1 | 0.173 | ..... | ..... | 6.0 | 17.5 | 0.7 | 1.5 | 0.4 | 220 | |
| 16 | 804 | 1010 | ..... | 4 | 1 | 10266.1 | 1 | 0.830 | 1 | 0.162 | ..... | ..... | 6.0 | 19.0 | 0.4 | 2.2 | 0.3 | 185 | |
| 17 | 811 | 1320 | ..... | 4 | 1 | 10267.1 | 4 | 0.833 | 1 | 0.143 | ..... | ..... | 12.5 | 25.0 | 21.0 | 0.5 | 0.5 | 200 | |
| 18 | 814 | 1135 | ..... | 4 | 1 | 10268.1 | 1 | 0.818 | 1 | 0.124 | ..... | ..... | 9.5 | 19.0 | 5.8 | 3.4 | 0.4 | 250 | |
| 19 | 817 | 1200 | ..... | 4 | 1 | 10269.1 | ..... | 0.806 | 1 | 0.103 | ..... | ..... | 8.5 | 22.0 | 0.3 | 0.5 | 0.4 | 245 | |
| 20 | 827 | 1145 | ..... | 4 | 1 | 10270.1 | 4 | 0.788 | ..... | 0.072 | ..... | ..... | 8.0 | 21.5 | 0.7 | 2.9 | 0.4 | 235 | 8.2 |
| 21 | 911 | 1115 | ..... | 4 | 1 | 10271.1 | 2 | 0.815 | ..... | 0.116 | ..... | ..... | 1.0 | 2.5 | 70.0 | 1.0 | 0.3 | 220 | |

PPT ON 911 HIGH
SNOW & ICE IN GAUGE

TABLE 13
WATER QUALITY DATA FOR PASQUE CREEK, BOW CROW FOREST, 1986
MAY 25, 1986 - SEPTEMBER 11, 1986

FOREST:BOW/CROW
CREEK: PASQUE
COMMENTS: STEVENS GAUGE

PHASE 3 CODE: H16 A14 E1
LOCATION : 12-22-13-5-W5
RATING CURVE: FLOW = 3.607-10.513*STAGE+7.621*STAGE^2

AREA : 2151 HA
LAT/LON: 50 05 / 114 37'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 525 | 1535 | ..... | 4 | 1 | 10341.1 | ..... | ..... | ..... | ..... | ..... | ..... | 3.5 | 25.0 | ..... | 490.4 | 125.0 | 90 | |
| 2 | 602 | 1150 | ..... | 4 | 1 | 10342.1 | 4 | 0.958 | 1 | 1.404 | ..... | ..... | 5.5 | 19.0 | ..... | 33.3 | 14.0 | 100 | |
| 3 | 608 | 937 | ..... | 4 | 1 | 10343.1 | 4 | 0.830 | 1 | 0.773 | ..... | ..... | 4.5 | 16.5 | ..... | 7.3 | 2.5 | 110 | |
| 4 | 610 | 1445 | ..... | 4 | 1 | 10344.1 | ..... | 0.965 | 1 | 0.559 | ..... | ..... | 9.0 | 19.0 | ..... | 2.0 | 0.4 | 205 | |
| 5 | 617 | 1140 | ..... | 4 | 1 | 10345.1 | ..... | 0.895 | 1 | 0.333 | ..... | ..... | 7.0 | 22.0 | ..... | 5.0 | 1.4 | 145 | |
| 6 | 623 | 1030 | ..... | 4 | 1 | 10346.1 | ..... | 0.858 | 1 | 0.191 | ..... | ..... | 7.0 | 19.0 | ..... | 0.7 | 0.7 | 160 | |
| 7 | 627 | 1228 | ..... | 4 | 1 | 10347.1 | ..... | 0.845 | 1 | 0.165 | ..... | ..... | 12.0 | 17.5 | ..... | 1.5 | 0.6 | 160 | |
| 8 | 704 | 1215 | ..... | 4 | 1 | 10348.1 | ..... | 0.831 | 1 | 0.143 | ..... | ..... | 7.0 | 7.0 | ..... | 1.3 | 0.6 | 175 | |
| 9 | 709 | 950 | ..... | 4 | 1 | 10349.1 | ..... | 0.825 | 1 | 0.133 | ..... | ..... | 7.5 | 15.5 | ..... | 0.5 | 0.7 | 175 | 7.7 |
| 10 | 715 | 1210 | ..... | 4 | 1 | 10350.1 | 1 | 0.806 | 1 | 0.083 | ..... | ..... | 10.0 | 20.0 | ..... | 0.3 | 0.4 | 190 | |
| 11 | 719 | 1040 | ..... | 4 | 1 | 10351.1 | 1 | 0.809 | 1 | 0.079 | ..... | ..... | 8.0 | 19.0 | ..... | 1.1 | 0.5 | 200 | |
| 12 | 722 | 1307 | ..... | 4 | 1 | 10352.1 | 4 | 0.800 | 1 | 0.082 | ..... | ..... | 12.0 | 23.0 | ..... | 0.3 | 0.3 | 190 | |
| 13 | 730 | 930 | ..... | 4 | 1 | 10353.1 | 4 | 0.805 | 1 | 0.088 | ..... | ..... | 5.5 | 10.0 | ..... | 1.1 | 0.5 | 190 | |
| 14 | 801 | 1000 | ..... | 4 | 1 | 10354.1 | 1 | 0.805 | 1 | 0.067 | ..... | ..... | 6.0 | 20.0 | ..... | 0.8 | 0.4 | 195 | |
| 15 | 808 | 1220 | ..... | 4 | 1 | 10355.1 | ..... | 0.790 | 1 | 0.054 | ..... | ..... | 10.5 | 22.0 | ..... | 0.5 | 0.4 | 220 | |
| 16 | 811 | 1150 | ..... | 4 | 1 | 10356.1 | 4 | 0.812 | 1 | 0.083 | ..... | ..... | 10.5 | 21.0 | ..... | 1.2 | 0.5 | 235 | 8.3 |
| 17 | 814 | 1042 | ..... | 4 | 1 | 10357.1 | 4 | 0.801 | 1 | 0.086 | ..... | ..... | 8.5 | 19.0 | ..... | 0.7 | 0.5 | 200 | 8.0 |
| 18 | 817 | 1045 | ..... | 4 | 1 | 10358.1 | 1 | 0.786 | 1 | 0.055 | ..... | ..... | 8.0 | 18.0 | ..... | 1.9 | 0.4 | 210 | 8.1 |
| 19 | 827 | 1315 | ..... | 4 | 1 | 10359.1 | 1 | 0.772 | ..... | 0.028 | ..... | ..... | 11.0 | 21.0 | ..... | 2.3 | 0.3 | 200 | |
| 20 | 911 | 1325 | ..... | 4 | 1 | 10360.1 | 2 | 0.801 | ..... | 0.070 | ..... | ..... | 3.5 | 2.5 | ..... | 1.1 | 0.5 | 195 | |

TABLE 14
WATER QUALITY DATA FOR SOUTH RACEHORSE CREEK, BOW CROW FOREST, 1986
MAY 20, 1986 - AUGUST 29, 1986

FOREST:BOW/CROW
CREEK: RACEHORSE SOUTH

PHASE 3 CODE: H16 A16 E6
LOCATION : 16-2-10-5-W5

AREA : 2957 HA
LAT/LON: 49 47'/ 114 35'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 520 | 1500 | ..... | 4 | 1 | 10131.1 | ..... | | | | | | 6.0 | 17.0 | ..... | 56.0 | 17.0 | 195 | |
| 2 | 527 | 1545 | ..... | 4 | 1 | 10132.1 | ..... | | | | | | 5.0 | 24.0 | ..... | 331.2 | 83.0 | 145 | |
| 3 | 609 | 1807 | ..... | 4 | 1 | 10133.1 | ..... | | | | | | 8.0 | 21.0 | ..... | 16.8 | 4.3 | 185 | |
| 4 | 619 | 1645 | ..... | 4 | 1 | 10134.1 | ..... | | | | | | 7.0 | 16.0 | ..... | 10.1 | 2.0 | 225 | |
| 5 | 622 | 1617 | ..... | 4 | 1 | 10135.1 | ..... | | | | | | 9.0 | 19.0 | ..... | 3.9 | 0.8 | 245 | |
| 6 | 701 | 1630 | ..... | 4 | 1 | 10136.1 | ..... | | | | | | 12.0 | 21.0 | ..... | 1.8 | 0.5 | 250 | |
| 7 | 705 | 1448 | ..... | 4 | 1 | 10137.1 | ..... | | | | | | 8.0 | 11.0 | ..... | 1.9 | 0.6 | 250 | |
| 8 | 708 | 1445 | ..... | 4 | 1 | 10138.1 | ..... | | | | | | 9.0 | 22.0 | ..... | 2.5 | 0.6 | 250 | |
| 9 | 715 | 910 | ..... | 4 | 1 | 10139.1 | ..... | | | | | | 6.5 | 16.0 | ..... | 1.8 | 0.5 | 260 | |
| 10 | 720 | 1300 | ..... | 4 | 1 | 10140.1 | ..... | | | | | | 11.0 | 24.0 | ..... | 1.0 | 0.4 | 275 | |
| 11 | 728 | 1500 | ..... | 4 | 1 | 10141.1 | ..... | | | | | | 9.5 | 19.0 | ..... | 0.2 | 0.4 | 270 | 8.2 |
| 12 | 803 | 1320 | ..... | 4 | 1 | 10142.1 | ..... | | | | | | 13.0 | 27.0 | ..... | 0.7 | 0.6 | 270 | 8.3 |
| 13 | 812 | 1420 | ..... | 4 | 1 | 10143.1 | ..... | | | | | | 11.0 | 17.0 | ..... | 2.0 | 0.6 | 290 | |
| 14 | 815 | 1305 | ..... | 4 | 1 | 10144.1 | ..... | | | | | | 12.0 | 24.0 | ..... | 0.8 | 0.4 | 290 | 8.4 |
| 15 | 818 | 1420 | ..... | 4 | 1 | 10145.1 | ..... | | | | | | 11.5 | 24.0 | ..... | 0.7 | 0.3 | 275 | |
| 16 | 829 | 925 | ..... | 4 | 1 | 10146.1 | ..... | | | | | | 9.0 | 20.5 | ..... | 0.5 | 0.5 | 270 | 8.2 |

TABLE 15
WATER QUALITY DATA FOR STRAIGHT CREEK, BOW CROW FOREST, 1986
MAY 25, 1986 - SEPTEMBER 11, 1986

FOREST:BOW/CROW
CREEK: STRAIGHT
COMMENTS: CREST GAUGE

PHASE 3 CODE: H16 A14 E1 AREA
LOCATION : 8-29-13-5-W5 LAT/LON: 50 06'/ 114 38'
RATING CURVE : FLOW=(-.140)+.445*STAGE+2.240*STAGE^2

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 525 | 1425 | ..... | 4 | 1 | 10311.1 | ..... | | 1 | 0.421 | ..... | | 4.0 | 25.0 | ..... | 36.0 | 5.5 | 130 | |
| 2 | 526 | 1201 | ..... | 4 | 1 | 10312.1 | 2 | 0.460 | 1 | 0.537 | ..... | | 2.5 | 25.0 | ..... | 27.3 | 4.3 | 115 | |
| 3 | 608 | 1040 | ..... | 4 | 1 | 10313.1 | ..... | 0.295 | 1 | 0.191 | 0.670 | 1.164 | 4.5 | 13.0 | ..... | 1.7 | 0.5 | 210 | 7.3 |
| 4 | 610 | 1340 | ..... | 4 | 1 | 10314.1 | 4 | 0.280 | 1 | 0.166 | 0.320 | 0.232 | 6.5 | 21.0 | ..... | 2.2 | 0.5 | 230 | |
| 5 | 617 | 1332 | ..... | 4 | 1 | 10315.1 | 4 | 0.260 | 1 | 0.130 | 0.285 | 0.169 | 7.0 | 22.0 | ..... | 0.0 | 0.4 | 255 | |
| 6 | 621 | 1250 | ..... | 4 | 1 | 10316.1 | ..... | 0.250 | 1 | 0.103 | 0.250 | 0.111 | 5.0 | 14.0 | ..... | 1.4 | 0.4 | 260 | 8.0 |
| 7 | 627 | 1120 | ..... | 4 | 1 | 10317.1 | ..... | 0.220 | ..... | 0.066 | 0.240 | 0.096 | 5.5 | 18.0 | ..... | 0.3 | 0.3 | 250 | |
| 8 | 704 | 1045 | ..... | 4 | 1 | 10318.1 | ..... | 0.225 | 1 | 0.066 | 0.235 | 0.088 | 4.0 | 6.0 | ..... | 1.6 | 0.3 | 270 | |
| 9 | 706 | 1250 | ..... | 4 | 1 | 10319.1 | 4 | 0.215 | 1 | 0.060 | 0.225 | 0.074 | 6.5 | 18.0 | ..... | 0.2 | 0.3 | 275 | |
| 10 | 714 | 1410 | ..... | 4 | 1 | 10320.1 | 1 | 0.205 | 1 | 0.045 | 0.215 | 0.059 | 7.5 | 20.0 | ..... | 0.9 | 0.4 | 280 | 8.2 |
| 11 | 718 | 1340 | ..... | 4 | 1 | 10321.1 | 1 | 0.210 | 1 | 0.041 | 0.220 | 0.066 | 7.5 | 18.0 | ..... | 3.3 | 0.7 | 290 | |
| 12 | 722 | 1155 | ..... | 4 | 1 | 10322.1 | ..... | 0.200 | 1 | 0.038 | 0.200 | 0.039 | 6.5 | 17.5 | ..... | 0.6 | 0.3 | 280 | 8.1 |
| 13 | 729 | 1203 | ..... | 4 | 1 | 10323.1 | 4 | 0.200 | 1 | 0.038 | 0.215 | 0.059 | 6.0 | 13.0 | ..... | 1.8 | 0.5 | 280 | |
| 14 | 802 | 1230 | ..... | 4 | 1 | 10324.1 | 1 | 0.200 | 1 | 0.030 | 0.200 | 0.039 | 6.5 | 20.0 | ..... | 0.9 | 0.3 | 275 | |
| 15 | 804 | 1205 | ..... | 4 | 1 | 10325.1 | 1 | 0.190 | 1 | 0.027 | 0.195 | 0.032 | 7.0 | 20.0 | ..... | 2.8 | 0.3 | 300 | |
| 16 | 811 | 1500 | ..... | 4 | 1 | 10326.1 | ..... | 0.190 | 1 | 0.030 | 0.215 | 0.059 | 10.5 | 21.0 | ..... | 1.7 | 0.6 | 290 | |
| 17 | 814 | 1335 | ..... | 4 | 1 | 10327.1 | ..... | 0.195 | 1 | 0.032 | 0.235 | 0.088 | 8.0 | 21.5 | ..... | 1.4 | 0.6 | 300 | 8.4 |
| 18 | 817 | 1420 | ..... | 4 | 1 | 10328.1 | 1 | 0.185 | 1 | 0.030 | 0.185 | 0.019 | 8.5 | 23.0 | ..... | 1.1 | 0.4 | 280 | |
| 19 | 827 | 1230 | ..... | 4 | 1 | 10329.1 | ..... | 0.170 | ..... | 0.000 | 0.170 | 0.000 | 7.0 | 20.0 | ..... | 3.7 | 0.3 | 275 | |
| 20 | 911 | 1235 | ..... | 4 | 1 | 10330.1 | ..... | 0.175 | ..... | 0.006 | 0.235 | 0.088 | 2.5 | 2.5 | ..... | 0.5 | 0.3 | 270 | 8.8 |

TABLE 16
WATER QUALITY DATA FOR TOUGH CREEK, BOW CROW FOREST, 1986
MAY 11, 1986 - SEPTEMBER 3, 1986

FOREST:BOW/CROW
CREEK: TOUGH
COMMENTS: ISCO

PHASE 3 CODE
LOCATION : 9-20-1-27-W4

AREA
LAT/LON: 49 03'/ 113 33'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 511 | 1340 | ..... | 4 | 1 | 10001.1 | ..... | | | | | | 4.0 | 13.5 | ..... | 2.1 | 1.5 | 370 | 8.0 |
| 2 | 511 | 1800 | 12 | 3 | 1 | 10004.102 | ..... | | | | | | | | | 3.3 | 0.7 | 355 | 8.2 |
| 3 | 512 | 600 | 12 | 3 | 1 | 10004.103 | ..... | | | | | | | | | 2.2 | 0.4 | 365 | |
| 4 | 512 | 1037 | ..... | 4 | 1 | 10002.1 | ..... | ..... | | ..... | | | 3.0 | 10.0 | ..... | 2.1 | 0.8 | 380 | |
| 5 | 512 | 1800 | 12 | 3 | 1 | 10004.104 | ..... | | | | | | | | | 2.8 | 0.4 | 365 | |
| 6 | 513 | 600 | 12 | 3 | 1 | 10004.105 | ..... | | | | | | | | | 3.5 | 0.4 | 370 | |
| 7 | 513 | 1800 | 12 | 3 | 1 | 10004.106 | ..... | | | | | | | | | 5.8 | 1.4 | 355 | 8.3 |
| 8 | 514 | 600 | 12 | 3 | 1 | 10004.107 | ..... | | | | | | | | | 3.0 | 0.8 | 370 | |
| 9 | 514 | 1800 | 12 | 3 | 1 | 10004.108 | ..... | | | | | | | | | 1.3 | 0.4 | 370 | |
| 10 | 515 | 600 | 12 | 3 | 1 | 10004.109 | ..... | | | | | | | | | 2.2 | 0.4 | 370 | |
| 11 | 515 | 1800 | 12 | 3 | 1 | 10004.1010 | ..... | | | | | | | | | 0.8 | 0.8 | 360 | 8.4 |
| 12 | 516 | 600 | 12 | 3 | 1 | 10004.1011 | ..... | | | | | | | | | 31.0 | 17.7 | 360 | |
| 13 | 516 | 1800 | 12 | 3 | 1 | 10004.1012 | ..... | | | | | | | | | 5.3 | 2.2 | 360 | |
| 14 | 517 | 600 | 12 | 3 | 1 | 10004.1013 | ..... | | | | | | | | | 18.8 | 3.7 | 355 | |
| 15 | 517 | 1800 | 12 | 3 | 1 | 10004.1014 | ..... | | | | | | | | | 12.8 | 6.8 | 350 | 8.1 |
| 16 | 518 | 600 | 12 | 3 | 1 | 10004.1015 | ..... | | | | | | | | | 6.2 | 2.6 | 350 | |
| 17 | 518 | 1800 | 12 | 3 | 1 | 10004.1016 | ..... | | | | | | | | | 6.9 | 2.5 | 350 | |
| 18 | 519 | 600 | 12 | 3 | 1 | 10004.1017 | ..... | | | | | | | | | 8.3 | 1.9 | 350 | |
| 19 | 519 | 1800 | 12 | 3 | 1 | 10004.1018 | ..... | | | | | | | | | 5.8 | 2.7 | 350 | 8.2 |
| 20 | 520 | 600 | 12 | 3 | 1 | 10004.1019 | ..... | | | | | | | | | 4.7 | 1.9 | 360 | |
| 21 | 520 | 1800 | 12 | 3 | 1 | 10004.1020 | ..... | | | | | | | | | 5.4 | 1.4 | 365 | |
| 22 | 521 | 600 | 12 | 3 | 1 | 10004.1021 | ..... | | | | | | | | | 7.2 | 3.3 | 355 | |
| 23 | 521 | 1800 | 12 | 3 | 1 | 10004.1022 | ..... | | | | | | | | | 4.9 | 2.8 | 355 | 8.1 |
| 24 | 522 | 1055 | ..... | 4 | 1 | 10003.1 | ..... | | | | | | 4.0 | 8.0 | 6.6 | 3.8 | 2.6 | 360 | |
| 25 | 522 | 1800 | 12 | 3 | 1 | 10005.102 | ..... | | | | | | | | | 3.8 | 0.8 | 325 | 8.4 |
| 26 | 523 | 600 | 12 | 3 | 1 | 10005.103 | ..... | | | | | | | | | 4.6 | 0.3 | 325 | |
| 27 | 523 | 1800 | 12 | 3 | 1 | 10005.104 | ..... | | | | | | | | | 5.3 | 0.7 | 315 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 524 | 600 | 12 | 3 | 1 | 10005.105 | | | | | | 4.0 | 0.3 | 335 | |
| 29 | 524 | 1800 | 12 | 3 | 1 | 10005.106 | | | | | | 3.0 | 1.0 | 335 | 8.5 |
| 30 | 525 | 600 | 12 | 3 | 1 | 10005.107 | | | | | | 2.2 | 0.6 | 345 | |
| 31 | 525 | 1800 | 12 | 3 | 1 | 10005.108 | | | | | | 2.7 | 0.5 | 340 | |
| 32 | 526 | 600 | 12 | 3 | 1 | 10005.109 | | | | | | 3.7 | 0.7 | 345 | |
| 33 | 526 | 1800 | 12 | 3 | 1 | 10005.1010 | | | | | | 3.5 | 0.5 | 340 | 8.5 |
| 34 | 527 | 600 | 12 | 3 | 1 | 10005.1011 | | | | | | 1.5 | 0.5 | 350 | |
| 35 | 527 | 1800 | 12 | 3 | 1 | 10005.1012 | | | | | | 4.0 | 1.0 | 350 | |
| 36 | 528 | 600 | 12 | 3 | 1 | 10005.1013 | | | | | | 6.8 | 1.3 | 340 | |
| 37 | 528 | 1100 | ..... | 4 | 1 | 10006.1 | | 10.0 | 26.0 | 0.8 | | 0.7 | 2.0 | 345 | |
| 38 | 528 | 1800 | 12 | 3 | 1 | 10008.102 | | | | | | 10.6 | 0.6 | 310 | 8.2 |
| 39 | 529 | 600 | 12 | 3 | 1 | 10008.103 | | | | | | 10.8 | 0.6 | 315 | |
| 40 | 529 | 1800 | 12 | 3 | 1 | 10008.104 | | | | | | 11.3 | 0.6 | 315 | |
| 41 | 530 | 600 | 12 | 3 | 1 | 10008.105 | | | | | | 8.0 | 0.4 | 320 | |
| 42 | 530 | 1800 | 12 | 3 | 1 | 10008.106 | | | | | | 6.5 | 0.5 | 325 | 8.3 |
| 43 | 531 | 600 | 12 | 3 | 1 | 10008.107 | | | | | | 9.6 | 0.6 | 330 | |
| 44 | 531 | 1800 | 12 | 3 | 1 | 10008.108 | | | | | | 7.3 | 0.6 | 340 | |
| 45 | 601 | 600 | 12 | 3 | 1 | 10008.109 | | | | | | 11.8 | 1.0 | 340 | |
| 46 | 601 | 1800 | 12 | 3 | 1 | 10008.1010 | | | | | | 2.3 | 0.3 | 340 | 8.3 |
| 47 | 602 | 600 | 12 | 3 | 1 | 10008.1011 | | | | | | 11.3 | 0.8 | 360 | |
| 48 | 602 | 1800 | 12 | 3 | 1 | 10008.1012 | | | | | | 6.2 | 0.5 | 355 | |
| 49 | 603 | 600 | 12 | 3 | 1 | 10008.1013 | | | | | | 7.4 | 0.7 | 360 | |
| 50 | 603 | 1800 | 12 | 3 | 1 | 10008.1014 | | | | | | 9.5 | 0.9 | 350 | 8.4 |
| 51 | 604 | 600 | 12 | 3 | 1 | 10008.1015 | | | | | | 7.5 | 0.5 | 360 | |
| 52 | 604 | 1800 | 12 | 3 | 1 | 10008.1016 | | | | | | 9.6 | 1.0 | 360 | |
| 53 | 605 | 600 | 12 | 3 | 1 | 10008.1017 | | | | | | 9.4 | 0.7 | 370 | |
| 54 | 605 | 1800 | 12 | 3 | 1 | 10008.1018 | | | | | | 10.8 | 2.4 | 360 | 8.5 |
| 55 | 606 | 600 | 12 | 3 | 1 | 10008.1019 | | | | | | 10.8 | 3.8 | 370 | |
| 56 | 606 | 1800 | 12 | 3 | 1 | 10008.1020 | | | | | | 7.3 | 1.3 | 370 | |
| 57 | 607 | 600 | 12 | 3 | 1 | 10008.1021 | | | | | | 16.3 | 5.7 | 370 | |
| 58 | 607 | 1800 | 12 | 3 | 1 | 10008.1022 | | | | | | 5.9 | 1.3 | 365 | 8.4 |
| 59 | 608 | 600 | 12 | 3 | 1 | 10008.1023 | | | | | | 7.5 | 2.1 | 380 | |
| 60 | 608 | 1800 | 12 | 3 | 1 | 10008.1024 | | | | | | 7.6 | 2.3 | 370 | |
| 61 | 609 | 600 | 12 | 3 | 1 | 10008.1025 | | | | | | 9.0 | 2.2 | 370 | |
| 62 | 609 | 1800 | 12 | 3 | 1 | 10008.1026 | | | | | | 3.8 | 1.4 | 370 | 8.4 |
| 63 | 610 | 600 | 12 | 3 | 1 | 10008.1027 | | | | | | 6.0 | 1.3 | 380 | |
| 64 | 610 | 1800 | 12 | 3 | 1 | 10008.1028 | | | | | | 4.0 | 0.6 | 385 | |
| 65 | 611 | 600 | 12 | 3 | 1 | 10008.1029 | | | | | | 5.3 | 1.4 | 385 | |
| 66 | 611 | 1435 | ..... | 4 | 1 | 10007.1 | | 16.0 | 30.0 | 10.0 | | 4.8 | 1.4 | 380 | 8.4 |
| 67 | 611 | 1800 | ..... | 3 | 1 | 10009.1 | | | | | | 8.1 | 0.6 | 280 | 8.1 |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 612 | 600 | 12 | 3 | 1 | 10009.102 | | | | 7.0 | 0.4 | 295 | | |
| 69 | 612 | 1800 | 12 | 3 | 1 | 10009.103 | | | | 8.1 | 0.6 | 290 | | |
| 70 | 613 | 600 | 12 | 3 | 1 | 10009.104 | | | | 7.6 | 0.4 | 300 | | |
| 71 | 613 | 1800 | 12 | 3 | 1 | 10009.105 | | | | 7.6 | 0.8 | 310 | 7.9 | |
| 72 | 614 | 600 | 12 | 3 | 1 | 10009.106 | | | | 10.1 | 0.7 | 305 | | |
| 73 | 614 | 1800 | 12 | 3 | 1 | 10009.107 | | | | 10.1 | 0.8 | 310 | | |
| 74 | 615 | 600 | 12 | 3 | 1 | 10009.108 | | | | 10.4 | 0.7 | 310 | | |
| 75 | 615 | 1800 | 12 | 3 | 1 | 10009.109 | | | | 10.6 | 0.8 | 305 | 8.1 | |
| 76 | 616 | 600 | 12 | 3 | 1 | 10009.1010 | | | | 9.4 | 0.9 | 315 | | |
| 77 | 616 | 1800 | 12 | 3 | 1 | 10009.1011 | | | | 5.8 | 0.5 | 315 | | |
| 78 | 617 | 600 | 12 | 3 | 1 | 10009.1012 | | | | 16.7 | 1.9 | 325 | | |
| 79 | 617 | 1800 | 12 | 3 | 1 | 10009.1013 | | | | 6.3 | 0.6 | 325 | 8.2 | |
| 80 | 618 | 600 | 12 | 3 | 1 | 10009.1014 | | | | 8.5 | 1.0 | 335 | | |
| 81 | 618 | 1800 | 12 | 3 | 1 | 10009.1015 | | | | 5.8 | 0.7 | 340 | | |
| 82 | 619 | 600 | 12 | 3 | 1 | 10009.1016 | | | | 8.1 | 1.0 | 335 | | |
| 83 | 619 | 1800 | 12 | 3 | 1 | 10009.1017 | | | | 6.1 | 0.7 | 330 | 8.1 | |
| 84 | 620 | 600 | 12 | 3 | 1 | 10009.1018 | | | | 7.1 | 0.8 | 335 | | |
| 85 | 620 | 1800 | 12 | 3 | 1 | 10009.1019 | | | | 11.1 | 1.7 | 340 | | |
| 86 | 621 | 600 | 12 | 3 | 1 | 10009.1020 | | | | 6.5 | 0.5 | 335 | | |
| 87 | 621 | 1800 | 12 | 3 | 1 | 10009.1021 | | | | 5.0 | 1.0 | 350 | 8.1 | |
| 88 | 622 | 600 | 12 | 3 | 1 | 10009.1022 | | | | 10.6 | 0.6 | 350 | | |
| 89 | 622 | 1800 | 12 | 3 | 1 | 10009.1023 | | | | 8.3 | 0.5 | 345 | | |
| 90 | 623 | 600 | 12 | 3 | 1 | 10009.1024 | | | | 11.1 | 0.9 | 360 | | |
| 91 | 623 | 1800 | 12 | 3 | 1 | 10009.1025 | | | | 7.1 | 0.8 | 345 | 8.1 | |
| 92 | 624 | 600 | 12 | 3 | 1 | 10009.1026 | | | | 11.9 | 1.4 | 360 | | |
| 93 | 624 | 1800 | 12 | 3 | 1 | 10009.1027 | | | | 7.3 | 0.6 | 350 | | |
| 94 | 625 | 600 | 12 | 3 | 1 | 10009.1028 | | | | 12.5 | 1.9 | 365 | | |
| 95 | 626 | 145 | ..... | 4 | 1 | 10010.1 | 14.5 | 18.5 | 5.8 | 3.1 | 0.6 | 360 | 8.2 | |
| 96 | 626 | 1800 | 12 | 3 | 1 | 10011.101 | | | | 14.1 | 2.3 | 280 | | |
| 97 | 627 | 600 | 12 | 3 | 1 | 10011.102 | | | | 11.4 | 1.7 | 285 | | |
| 98 | 627 | 1800 | 12 | 3 | 1 | 10011.103 | | | | 6.3 | 1.3 | 285 | | |
| 99 | 628 | 600 | 12 | 3 | 1 | 10011.104 | | | | 15.5 | 3.3 | 295 | | |
| 100 | 629 | 600 | 12 | 3 | 1 | 10011.106 | | | | 9.2 | 2.3 | 300 | 8.2 | |
| 101 | 629 | 1800 | 12 | 3 | 1 | 10011.107 | | | | 6.5 | 1.3 | 300 | | |
| 102 | 630 | 600 | 12 | 3 | 1 | 10011.108 | | | | 12.6 | 2.1 | 310 | | |
| 103 | 630 | 1800 | 12 | 3 | 1 | 10011.109 | | | | 5.8 | 1.3 | 300 | 8.2 | |
| 104 | 701 | 600 | 12 | 3 | 1 | 10011.1010 | | | | 12.8 | 1.9 | 310 | | |
| 105 | 701 | 1800 | 12 | 3 | 1 | 10011.1011 | | | | 4.8 | 0.7 | 300 | | |
| 106 | 702 | 600 | 12 | 3 | 1 | 10011.1012 | | | | 11.5 | 0.6 | 320 | | |
| 107 | 702 | 1800 | 12 | 3 | 1 | 10011.1013 | | | | 4.6 | 0.9 | 310 | 8.2 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 703 | 600 | 12 | 3 | 1 | 10011.1014 | | | | | 6.5 | 1.3 | 320 | |
| 109 | 703 | 1800 | 12 | 3 | 1 | 10011.1015 | | | | | 5.1 | 0.8 | 315 | |
| 110 | 704 | 600 | 12 | 3 | 1 | 10011.1016 | | | | | 7.6 | 1.3 | 330 | |
| 111 | 704 | 1800 | 12 | 3 | 1 | 10011.1017 | | | | | 9.0 | 2.0 | 320 | 8.1 |
| 112 | 705 | 600 | 12 | 3 | 1 | 10011.1018 | | | | | 7.6 | 1.7 | 330 | |
| 113 | 705 | 1800 | 12 | 3 | 1 | 10011.1019 | | | | | 3.8 | 0.5 | 320 | |
| 114 | 706 | 600 | 12 | 3 | 1 | 10011.1020 | | | | | 4.5 | 0.7 | 335 | |
| 115 | 706 | 1800 | 12 | 3 | 1 | 10011.1021 | | | | | 8.5 | 1.3 | 340 | |
| 116 | 707 | 600 | 12 | 3 | 1 | 10011.1022 | | | | | 9.4 | 1.9 | 340 | 8.1 |
| 117 | 707 | 1800 | 12 | 3 | 1 | 10011.1023 | | | | | 5.8 | 1.7 | 335 | |
| 118 | 708 | 600 | 12 | 3 | 1 | 10011.1024 | | | | | 9.0 | 1.8 | 340 | |
| 119 | 708 | 1800 | 12 | 3 | 1 | 10011.1025 | | | | | 7.6 | 1.5 | 335 | |
| 120 | 709 | 600 | 12 | 3 | 1 | 10011.1026 | | | | | 9.6 | 1.9 | 345 | 8.1 |
| 121 | 709 | 1800 | 12 | 3 | 1 | 10011.1027 | | | | | 5.0 | 0.6 | 340 | |
| 122 | 710 | 600 | 12 | 3 | 1 | 10011.1028 | | | | | 8.8 | 1.5 | 360 | |
| 123 | 710 | 1218 | ..... | 4 | 1 | 10012.1 | | 15.0 | 18.5 | 19.0 | 6.1 | 0.6 | 350 | |
| 124 | 710 | 1800 | 12 | 3 | 1 | 10013.101 | | | | | 7.2 | 0.9 | 285 | 8.2 |
| 125 | 711 | 600 | 12 | 3 | 1 | 10013.102 | | | | | 7.8 | 1.6 | 290 | |
| 126 | 711 | 1800 | 12 | 3 | 1 | 10013.103 | | | | | 4.6 | 0.5 | 290 | |
| 127 | 712 | 600 | 12 | 3 | 1 | 10013.104 | | | | | 14.2 | 2.9 | 300 | |
| 128 | 712 | 1800 | 12 | 3 | 1 | 10013.105 | | | | | 4.4 | 0.9 | 295 | 8.2 |
| 129 | 713 | 600 | 12 | 3 | 1 | 10013.106 | | | | | 7.4 | 1.0 | 305 | |
| 130 | 713 | 1800 | 12 | 3 | 1 | 10013.107 | | | | | 3.4 | 0.7 | 295 | |
| 131 | 714 | 600 | 12 | 3 | 1 | 10013.108 | | | | | 7.8 | 0.8 | 310 | |
| 132 | 714 | 1800 | 12 | 3 | 1 | 10013.109 | | | | | 4.6 | 0.7 | 300 | 8.2 |
| 133 | 715 | 600 | 12 | 3 | 1 | 10013.1010 | | | | | 7.6 | 1.3 | 320 | |
| 134 | 715 | 1800 | 12 | 3 | 1 | 10013.1011 | | | | | 4.8 | 0.6 | 310 | |
| 135 | 716 | 600 | 12 | 3 | 1 | 10013.1012 | | | | | 10.8 | 0.8 | 320 | |
| 136 | 716 | 1800 | 12 | 3 | 1 | 10013.1013 | | | | | 5.3 | 1.3 | 310 | 8.2 |
| 137 | 717 | 600 | 12 | 3 | 1 | 10013.1014 | | | | | 6.3 | 1.4 | 320 | |
| 138 | 717 | 1800 | 12 | 3 | 1 | 10013.1015 | | | | | 4.1 | 0.6 | 315 | |
| 139 | 718 | 600 | 12 | 3 | 1 | 10013.1016 | | | | | 6.0 | 0.7 | 330 | |
| 140 | 718 | 1800 | 12 | 3 | 1 | 10013.1017 | | | | | 4.8 | 0.7 | 320 | 8.1 |
| 141 | 719 | 600 | 12 | 3 | 1 | 10013.1018 | | | | | 7.6 | 1.0 | 335 | |
| 142 | 719 | 1800 | 12 | 3 | 1 | 10013.1019 | | | | | 4.3 | 0.5 | 320 | |
| 143 | 720 | 600 | 12 | 3 | 1 | 10013.1020 | | | | | 7.3 | 0.8 | 340 | |
| 144 | 720 | 1800 | 12 | 3 | 1 | 10013.1021 | | | | | 3.0 | 0.6 | 325 | 8.3 |
| 145 | 721 | 600 | 12 | 3 | 1 | 10013.1022 | | | | | 6.0 | 1.0 | 345 | |
| 146 | 721 | 1800 | 12 | 3 | 1 | 10013.1023 | | | | | 3.3 | 1.0 | 325 | |
| 147 | 722 | 600 | 12 | 3 | 1 | 10013.1024 | | | | | 7.8 | 0.8 | 350 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 722 | 1800 | 12 | 3 | 1 | 10013.1025 | | | | | | | | 3.5 | 0.8 | 335 | 8.2 |
| 149 | 723 | 600 | 12 | 3 | 1 | 10013.1026 | | | | | | | | 5.6 | 0.8 | 360 | |
| 150 | 723 | 1800 | 12 | 3 | 1 | 10013.1027 | | | | | | | | 2.3 | 0.7 | 335 | |
| 151 | 724 | 600 | 12 | 3 | 1 | 10013.1028 | | | | | | | | 2.8 | 0.9 | 365 | |
| 152 | 724 | 1400 | ..... | 4 | 1 | 10014.1 | | | | | | | 17.5 | 25.0 | 7.0 | 1.4 | 0.5 | 330 |
| 153 | 724 | 1800 | 12 | 3 | 1 | 10015.101 | | | | | | | | 5.7 | 0.7 | 320 | 8.0 |
| 154 | 725 | 600 | 12 | 3 | 1 | 10015.102 | | | | | | | | 4.4 | 0.5 | 305 | |
| 155 | 725 | 1800 | 12 | 3 | 1 | 10015.103 | | | | | | | | 2.6 | 0.3 | 310 | |
| 156 | 726 | 600 | 12 | 3 | 1 | 10015.104 | | | | | | | | 8.2 | 0.6 | 320 | |
| 157 | 726 | 1800 | 12 | 3 | 1 | 10015.105 | | | | | | | | 3.8 | 0.6 | 310 | 8.2 |
| 158 | 727 | 600 | 12 | 3 | 1 | 10015.106 | | | | | | | | 23.4 | 5.7 | 325 | |
| 159 | 727 | 1800 | 12 | 3 | 1 | 10015.107 | | | | | | | | 3.8 | 0.5 | 320 | |
| 160 | 728 | 600 | 12 | 3 | 1 | 10015.108 | | | | | | | | 5.6 | 0.8 | 330 | |
| 161 | 728 | 1800 | 12 | 3 | 1 | 10015.109 | | | | | | | | 3.5 | 0.7 | 320 | 8.2 |
| 162 | 729 | 600 | 12 | 3 | 1 | 10015.1010 | | | | | | | | 7.1 | 1.0 | 345 | |
| 163 | 729 | 1800 | 12 | 3 | 1 | 10015.1011 | | | | | | | | 1.8 | 0.6 | 325 | |
| 164 | 730 | 600 | 12 | 3 | 1 | 10015.1012 | | | | | | | | 7.3 | 1.0 | 350 | |
| 165 | 730 | 1800 | 12 | 3 | 1 | 10015.1013 | | | | | | | | 2.5 | 0.6 | 330 | 8.2 |
| 166 | 731 | 600 | 12 | 3 | 1 | 10015.1014 | | | | | | | | 4.1 | 0.9 | 335 | |
| 167 | 731 | 1800 | 12 | 3 | 1 | 10015.1015 | | | | | | | | 3.5 | 0.7 | 330 | |
| 168 | 801 | 600 | 12 | 3 | 1 | 10015.1016 | | | | | | | | 6.6 | 0.9 | 350 | |
| 169 | 801 | 1800 | 12 | 3 | 1 | 10015.1017 | | | | | | | | 4.2 | 0.7 | 330 | 8.1 |
| 170 | 802 | 600 | 12 | 3 | 1 | 10015.1018 | | | | | | | | 4.0 | 0.9 | 355 | |
| 171 | 802 | 1800 | 12 | 3 | 1 | 10015.1019 | | | | | | | | 2.5 | 0.7 | 335 | |
| 172 | 803 | 600 | 12 | 3 | 1 | 10015.1020 | | | | | | | | 5.0 | 0.8 | 360 | |
| 173 | 803 | 1800 | 12 | 3 | 1 | 10015.1021 | | | | | | | | 7.8 | 3.3 | 340 | 8.1 |
| 174 | 804 | 600 | 12 | 3 | 1 | 10015.1022 | | | | | | | | 7.5 | 2.1 | 350 | |
| 175 | 804 | 1800 | 12 | 3 | 1 | 10015.1023 | | | | | | | | 2.3 | 0.5 | 345 | |
| 176 | 805 | 600 | 12 | 3 | 1 | 10015.1024 | | | | | | | | 5.1 | 1.2 | 365 | |
| 177 | 805 | 1800 | 12 | 3 | 1 | 10015.1025 | | | | | | | | 4.0 | 1.8 | 350 | 8.2 |
| 178 | 806 | 600 | 12 | 3 | 1 | 10015.1026 | | | | | | | | 5.5 | 1.4 | 380 | |
| 179 | 806 | 1800 | 12 | 3 | 1 | 10015.1027 | | | | | | | | 3.3 | 0.7 | 360 | |
| 180 | 807 | 600 | 12 | 3 | 1 | 10015.1028 | | | | | | | | 5.5 | 0.7 | 390 | |
| 181 | 807 | 1410 | ..... | 4 | 1 | 10016.1 | | | | | | | 19.0 | 27.0 | 5.2 | 1.1 | 0.6 | 365 | 8.2 |
| 182 | 807 | 1800 | 12 | 3 | 1 | 10017.101 | | | | | | | | 4.2 | 0.6 | 330 | 8.3 |
| 183 | 808 | 600 | 12 | 3 | 1 | 10017.102 | | | | | | | | 5.3 | 0.5 | 275 | |
| 184 | 808 | 1800 | 12 | 3 | 1 | 10017.103 | | | | | | | | 3.4 | 0.4 | 270 | |
| 185 | 809 | 600 | 12 | 3 | 1 | 10017.104 | | | | | | | | 5.5 | 0.6 | 280 | |
| 186 | 809 | 1800 | 12 | 3 | 1 | 10017.105 | | | | | | | | 4.4 | 0.9 | 270 | 8.3 |
| 187 | 810 | 600 | 12 | 3 | 1 | 10017.106 | | | | | | | | 6.8 | 0.8 | 280 | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 810 | 1800 | 12 | 3 | 1 | 10017.107 | | | | | 4.4 | 0.6 | 285 | |
| 189 | 811 | 600 | 12 | 3 | 1 | 10017.108 | | | | | 5.9 | 0.6 | 295 | |
| 190 | 811 | 1800 | 12 | 3 | 1 | 10017.109 | | | | | 0.8 | 0.5 | 285 | 8.3 |
| 191 | 812 | 600 | 12 | 3 | 1 | 10017.1010 | | | | | 5.6 | 0.7 | 290 | |
| 192 | 812 | 1800 | 12 | 3 | 1 | 10017.1011 | | | | | 3.0 | 0.4 | 285 | |
| 193 | 813 | 600 | 12 | 3 | 1 | 10017.1012 | | | | | 4.8 | 0.5 | 300 | |
| 194 | 813 | 1800 | 12 | 3 | 1 | 10017.1013 | | | | | 2.5 | 1.0 | 290 | 8.3 |
| 195 | 814 | 600 | 12 | 3 | 1 | 10017.1014 | | | | | 6.8 | 1.0 | 305 | |
| 196 | 814 | 1800 | 12 | 3 | 1 | 10017.1015 | | | | | 1.0 | 0.6 | 290 | |
| 197 | 815 | 600 | 12 | 3 | 1 | 10017.1016 | | | | | 1.7 | 0.8 | 310 | |
| 198 | 815 | 1800 | 12 | 3 | 1 | 10017.1017 | | | | | 0.2 | 0.5 | 300 | 8.3 |
| 199 | 816 | 600 | 12 | 3 | 1 | 10017.1018 | | | | | 1.6 | 0.7 | 325 | |
| 200 | 816 | 1800 | 12 | 3 | 1 | 10017.1019 | | | | | 1.9 | 0.5 | 300 | |
| 201 | 817 | 600 | 12 | 3 | 1 | 10017.1020 | | | | | 1.3 | 0.7 | 320 | |
| 202 | 817 | 1800 | 12 | 3 | 1 | 10017.1021 | | | | | 2.3 | 0.6 | 305 | 8.3 |
| 203 | 818 | 600 | 12 | 3 | 1 | 10017.1022 | | | | | 5.8 | 0.8 | 325 | |
| 204 | 818 | 1800 | 12 | 3 | 1 | 10017.1023 | | | | | 5.8 | 0.4 | 310 | |
| 205 | 819 | 600 | 12 | 3 | 1 | 10017.1024 | | | | | 8.3 | 0.5 | 330 | |
| 206 | 819 | 1800 | 12 | 3 | 1 | 10017.1025 | | | | | 2.3 | 0.8 | 320 | 8.4 |
| 207 | 820 | 600 | 12 | 3 | 1 | 10017.1026 | | | | | 4.3 | 0.6 | 350 | |
| 208 | 820 | 1800 | 12 | 3 | 1 | 10017.1027 | | | | | 2.8 | 0.5 | 325 | |
| 209 | 821 | 600 | 12 | 3 | 1 | 10017.1028 | | | | | 4.6 | 0.5 | 360 | |
| 210 | 821 | 1625 | ..... | 1 | 1 | 10018.1 | | 14.0 | 17.0 | 5.6 | 5.3 | 0.8 | 320 | 8.3 |
| 211 | 821 | 1800 | 12 | 3 | 1 | 10020.101 | | | | | 2.9 | 0.5 | 260 | 8.2 |
| 212 | 822 | 600 | 12 | 3 | 1 | 10020.102 | | | | | 4.6 | 0.5 | 270 | |
| 213 | 822 | 1800 | 12 | 3 | 1 | 10020.103 | | | | | 2.6 | 0.5 | 265 | |
| 214 | 823 | 600 | 12 | 3 | 1 | 10020.104 | | | | | 4.6 | 0.4 | 285 | |
| 215 | 823 | 1800 | 12 | 3 | 1 | 10020.105 | | | | | 2.3 | 0.6 | 270 | 8.3 |
| 216 | 824 | 600 | 12 | 3 | 1 | 10020.106 | | | | | 3.3 | 0.4 | 290 | |
| 217 | 824 | 1800 | 12 | 3 | 1 | 10020.107 | | | | | 1.8 | 0.5 | 270 | |
| 218 | 825 | 600 | 12 | 3 | 1 | 10020.108 | | | | | 3.0 | 0.5 | 290 | |
| 219 | 825 | 1800 | 12 | 3 | 1 | 10020.109 | | | | | 1.8 | 0.4 | 275 | 8.3 |
| 220 | 826 | 600 | 12 | 3 | 1 | 10020.1010 | | | | | 4.3 | 0.6 | 300 | |
| 221 | 826 | 1800 | 12 | 3 | 1 | 10020.1011 | | | | | 14.6 | 0.8 | 280 | |
| 222 | 827 | 600 | 12 | 3 | 1 | 10020.1012 | | | | | 2.5 | 0.5 | 300 | |
| 223 | 827 | 1800 | 12 | 3 | 1 | 10020.1013 | | | | | 2.5 | 0.8 | 280 | 8.3 |
| 224 | 828 | 600 | 12 | 3 | 1 | 10020.1014 | | | | | 2.5 | 0.6 | 300 | |
| 225 | 828 | 1800 | 12 | 3 | 1 | 10020.1015 | | | | | 2.5 | 0.5 | 285 | |
| 226 | 829 | 600 | 12 | 3 | 1 | 10020.1016 | | | | | 2.5 | 0.6 | 310 | |
| 227 | 829 | 1800 | 12 | 3 | 1 | 10020.1017 | | | | | 0.5 | 0.5 | 290 | 8.3 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 830 | 600 | 12 | 3 | 1 | 10020.1018 | | | | | | 5.3 | 1.9 | 310 | | | |
| 229 | 830 | 1800 | 12 | 3 | 1 | 10020.1019 | | | | | | 1.5 | 0.5 | 300 | | | |
| 230 | 831 | 600 | 12 | 3 | 1 | 10020.1020 | | | | | | 3.5 | 1.5 | 320 | | | |
| 231 | 831 | 1800 | 12 | 3 | 1 | 10020.1021 | | | | | | 0.0 | 1.7 | 300 | 8.3 | | |
| 232 | 901 | 600 | 12 | 3 | 1 | 10020.1022 | | | | | | 0.0 | 1.3 | 320 | | | |
| 233 | 901 | 1800 | 12 | 3 | 1 | 10020.1023 | | | | | | 0.6 | 0.4 | 305 | | | |
| 234 | 902 | 600 | 12 | 3 | 1 | 10020.1024 | | | | | | 0.3 | 0.6 | 335 | | | |
| 235 | 902 | 1800 | 12 | 3 | 1 | 10020.1025 | | | | | | 0.4 | 0.5 | 310 | 8.3 | | |
| 236 | 903 | 600 | 12 | 3 | 1 | 10020.1026 | | | | | | 1.0 | 0.5 | 330 | | | |
| 237 | 903 | 1230 | ..... | 4 | 1 | 10019.1 | | | | 12.0 | 16.0 | 7.0 | 1.0 | 0.3 | 330 | | |

TABLE 17
WATER QUALITY DATA FOR WHITNEY CREEK, BOW CROW FOREST, 1986
MAY 12, 1986 - SEPTEMBER 9, 1986

FOREST:BOW/CROW
CREEK: WHITNEY
COMMENTS: CREST GAUGE

PHASE 3 CODE: H16 C10 C3
LOCATION : 4-1-5-2-W5
RATING CURVE : FLOW=.614-6.179*STAGE+17.496*STAGE^2

AREA : 2141 HA
LAT/LON: 49 21'/ 114 09'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 512 | 1730 | ..... | 4 | 1 | 10041.1 | ..... | 0.355 | 1 | 0.652 | ..... | | | | | 1.9 | 0.5 | 265 | |
| 2 | 524 | 1300 | ..... | 4 | 1 | 10042.1 | 4 | 0.400 | 1 | 0.894 | 0.460 | 1.474 | 7.0 | 19.0 | ..... | 2.0 | 0.3 | 235 | |
| 3 | 604 | 1145 | ..... | 4 | 1 | 10043.1 | 4 | 0.370 | 1 | 0.717 | 0.510 | 2.013 | 6.5 | 12.0 | 13.8 | 5.8 | 5.6 | 215 | |
| 4 | 607 | 1000 | ..... | 4 | 1 | 10044.1 | ..... | 0.370 | 1 | 0.737 | 0.370 | 0.723 | 7.0 | 16.0 | 36.0 | 3.5 | 3.0 | 120 | |
| 5 | 612 | 940 | ..... | 4 | 1 | 10045.1 | ..... | 0.340 | 1 | 0.587 | 0.370 | 0.723 | 6.0 | 11.0 | 6.8 | 1.1 | 0.4 | 190 | 8.0 |
| 6 | 616 | 1145 | ..... | 4 | 1 | 10046.1 | 4 | 0.315 | 1 | 0.399 | 0.335 | 0.508 | 8.0 | 17.0 | 8.0 | 1.0 | 0.3 | 245 | 8.1 |
| 7 | 620 | 1135 | ..... | 4 | 1 | 10047.1 | ..... | 0.310 | 1 | 0.329 | 0.310 | 0.380 | 8.0 | 19.0 | 2.0 | 0.3 | 0.3 | 245 | 8.0 |
| 8 | 624 | 1130 | ..... | 4 | 1 | 10048.1 | ..... | 0.290 | 1 | 0.246 | 0.290 | 0.294 | 9.0 | 23.0 | 0.8 | 1.4 | 0.3 | 260 | |
| 9 | 703 | 1400 | ..... | 4 | 1 | 10049.1 | 4 | 0.270 | 1 | 0.191 | 0.280 | 0.256 | 12.0 | 21.0 | 13.6 | 0.9 | 0.4 | 265 | 7.9 |
| 10 | 707 | 1117 | ..... | 4 | 1 | 10050.1 | 1 | 0.255 | 1 | 0.171 | 0.255 | 0.176 | 9.0 | 21.0 | 7.5 | 3.3 | 0.2 | 225 | |
| 11 | 710 | 1420 | ..... | 4 | 1 | 10051.1 | 4 | 0.230 | 1 | 0.168 | 0.270 | 0.221 | 11.5 | 21.5 | 2.8 | 0.5 | 0.2 | 265 | 7.8 |
| 12 | 717 | 1045 | ..... | 4 | 1 | 10052.1 | 1 | 0.240 | 1 | 0.132 | 0.245 | 0.150 | 8.5 | 12.0 | 6.4 | 1.6 | 0.2 | 295 | |
| 13 | 721 | 1110 | ..... | 4 | 1 | 10053.1 | 1 | 0.230 | 1 | 0.121 | 0.230 | 0.118 | 9.5 | 21.0 | 0.0 | 0.0 | 0.3 | 285 | |
| 14 | 726 | 1225 | ..... | 4 | 1 | 10054.1 | 4 | 0.210 | 1 | 0.111 | 0.225 | 0.109 | 10.5 | 17.5 | 12.6 | 4.4 | 0.6 | 290 | 8.0 |
| 15 | 731 | 1145 | ..... | 4 | 1 | 10055.1 | ..... | 0.220 | 1 | 0.078 | 0.225 | 0.109 | 11.0 | 22.0 | 2.4 | 0.7 | 0.3 | 300 | |
| 16 | 805 | 1315 | ..... | 4 | 1 | 10056.1 | 4 | 0.205 | 1 | 0.073 | 0.215 | 0.094 | 13.0 | 26.0 | 0.0 | 0.2 | 0.3 | 320 | |
| 17 | 813 | 1140 | ..... | 4 | 1 | 10057.1 | 1 | 0.205 | 1 | 0.066 | 0.215 | 0.094 | 12.0 | 19.0 | 7.6 | 0.5 | 0.2 | 325 | |
| 18 | 816 | 915 | ..... | 4 | 1 | 10058.1 | ..... | 0.205 | 1 | 0.069 | 0.205 | 0.083 | 10.0 | 14.5 | 0.0 | 1.7 | 0.2 | 330 | |
| 19 | 826 | 1000 | ..... | 4 | 1 | 10059.1 | 4 | 0.190 | ..... | 0.072 | 0.200 | 0.078 | 10.0 | 15.5 | 0.1 | 1.8 | 0.2 | 305 | |
| 20 | 909 | 1700 | ..... | 4 | 1 | 10060.1 | 4 | 0.265 | ..... | 0.205 | 0.270 | 0.221 | 9.0 | 11.5 | 72.0 | 2.6 | 0.5 | 275 | |

TABLE 18
SUMMARY FOR BOW CROW FOREST
1986

| SUMMARY FOR | NUMBER OF SAMPLES OF TYPE | | | | | | ARITHMETIC MEAN/STDEV | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | SUM | AC FLOW | SED MG/L | TURB JTU | CONC uMHO | pH |
| CACHE | | | 212 | 22 | 234 | 18 | 7.4 | 1.2 | 218.9 | 8.1 |
| | | | | | | | 25.2 | 5.2 | 19.8 | 0.2 |
| SOUTH CASTLE | 2 | | | 15 | 17 | 0 | 2.2 | 0.7 | 216.4 | 8.0 |
| | | | | | | | 1.5 | 1.1 | 26.2 | 0.2 |
| GLADSTONE | | | | 20 | 20 | 18 | 1.4 | 0.4 | 223.4 | 8.0 |
| | | | | | | | 0.9 | 0.5 | 36.6 | 0.0 |
| GOAT | 1 | | | 16 | 17 | 0 | 3.0 | 0.8 | 231.7 | 8.1 |
| | | | | | | | 2.4 | 1.3 | 22.6 | 0.1 |
| HIDDEN CONFLUENCE | | | | 14 | 14 | 0 | 2.4 | 0.5 | 218.2 | 8.0 |
| | | | | | | | 1.0 | 0.1 | 11.1 | 0.2 |
| NORTH HIDDEN | | | 153 | 17 | 170 | 13 | 4.0 | 0.8 | 207.5 | 8.0 |
| | | | | | | | 7.2 | 1.7 | 14.9 | 0.2 |
| SOUTH HIDDEN | | | 197 | 16 | 213 | 13 | 39.8 | 7.5 | 205.4 | 8.1 |
| | | | | | | | 160.5 | 27.4 | 14.3 | 0.3 |
| SOUTH HIDDEN TRIB | | | | 14 | 14 | 13 | 1.4 | 0.8 | 186.7 | 7.7 |
| | | | | | | | 0.8 | 0.6 | 33.5 | 0.0 |
| LEE | 2 | | 199 | 8 | 209 | 0 | 14.0 | 4.0 | 316.7 | 8.3 |
| | | | | | | | 15.3 | 7.5 | 34.1 | 1.1 |
| OYSTER CONFLUENCE | | | | 20 | 20 | 16 | 11.2 | 3.5 | 213.0 | 7.9 |
| | | | | | | | 25.4 | 7.3 | 39.6 | 0.3 |
| EAST OYSTER | | | | 21 | 21 | 18 | 9.3 | 3.6 | 206.4 | 8.0 |
| | | | | | | | 12.2 | 4.7 | 52.8 | 0.3 |
| WEST OYSTER | | | | 21 | 21 | 18 | 8.5 | 2.7 | 193.5 | 8.2 |
| | | | | | | | 13.4 | 6.3 | 38.5 | 0.0 |
| PASQUE | | | | 20 | 20 | 17 | 27.7 | 7.5 | 177.2 | 8.0 |
| | | | | | | | 106.4 | 27.1 | 38.4 | 0.2 |
| SOUTH RACEHORSE | | | | 16 | 16 | 0 | 27.0 | 7.0 | 246.6 | 8.3 |
| | | | | | | | 79.7 | 20.0 | 39.1 | 0.1 |
| STRAIGHT | | | | 20 | 20 | 17 | 4.5 | 0.9 | 255.7 | 8.1 |
| | | | | | | | 9.2 | 1.4 | 49.3 | 0.5 |
| TOUGH | 1 | | 226 | 10 | 237 | 0 | 6 | 1.1 | 328 | 8.2 |
| | | | | | | | 3.9 | 1.4 | 28.7 | 0.1 |
| WHITNEY | | | | 20 | 20 | 18 | 1.8 | 0.7 | 262.7 | 8 |
| | | | | | | | 1.5 | 1.3 | 49 | 0.1 |
| SUB TOTALS | 6 | 0 | 987 | 290 | | | | | | |
| GRAND TOTALS | | | | | 1283 | 179 | | | | |

TABLE 19
WATER QUALITY DATA FOR HANLAN CREEK, EDSON FOREST, 1986
JUNE 19, 1986 - JULY 1, 1986

FOREST: EDSON
CREEK: HANLAN
COMMENTS: ISCO

PHASE 3 CODE: A10 C16 E1
LOCATION : 11-15-49-18-W5

AREA :
LAT/LONG: 53 14'/116 33

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 619 | 1200 | 4 | 3 | 1 | 8752.131 | | | | | | | | | | 1.2 | 4.5 | 215 | 8.1 |
| 2 | 619 | 1200 | 4 | 3 | 1 | 8751.141 | | | | | | | | | | 0.9 | 0.3 | 240 | 8.1 |
| 3 | 619 | 1600 | 4 | 3 | 1 | 8752.132 | | | | | | | | | | 1.5 | 0.4 | 215 | |
| 4 | 619 | 1600 | 4 | 3 | 1 | 8751.142 | | | | | | | | | | 0.0 | 0.3 | 220 | |
| 5 | 619 | 2000 | 4 | 3 | 1 | 8752.133 | | | | | | | | | | 2.0 | 0.4 | 215 | |
| 6 | 619 | 2000 | 4 | 3 | 1 | 8751.143 | | | | | | | | | | 0.9 | 0.4 | 225 | |
| 7 | 619 | 2400 | 4 | 3 | 1 | 8752.134 | | | | | | | | | | 4.6 | 0.7 | 220 | |
| 8 | 619 | 2400 | 4 | 3 | 1 | 8751.144 | | | | | | | | | | 1.5 | 0.3 | 225 | |
| 9 | 620 | 400 | 4 | 3 | 1 | 8752.135 | | | | | | | | | | 0.9 | 0.6 | 220 | 7.8 |
| 10 | 620 | 400 | 4 | 3 | 1 | 8751.145 | | | | | | | | | | 0.9 | 0.6 | 220 | 8.1 |
| 11 | 620 | 800 | 4 | 3 | 1 | 8752.136 | | | | | | | | | | 2.0 | 0.5 | 210 | |
| 12 | 620 | 800 | 4 | 3 | 1 | 8751.146 | | | | | | | | | | 0.5 | 0.3 | 220 | |
| 13 | 620 | 1200 | 4 | 3 | 1 | 8752.137 | | | | | | | | | | 2.8 | 0.6 | 210 | |
| 14 | 620 | 1200 | 4 | 3 | 1 | 8751.147 | | | | | | | | | | 2.4 | 0.2 | 220 | |
| 15 | 620 | 1600 | 4 | 3 | 1 | 8752.138 | | | | | | | | | | 1.1 | 0.4 | 215 | |
| 16 | 620 | 1600 | 4 | 3 | 1 | 8751.148 | | | | | | | | | | 1.9 | 0.3 | 220 | |
| 17 | 620 | 2000 | 4 | 3 | 1 | 8752.139 | | | | | | | | | | 5.7 | 0.8 | 210 | 7.8 |
| 18 | 620 | 2000 | 4 | 3 | 1 | 8751.149 | | | | | | | | | | 2.7 | 0.4 | 220 | 8.1 |
| 19 | 620 | 2400 | 4 | 3 | 1 | 8752.1310 | | | | | | | | | | 7.4 | 0.7 | 210 | |
| 20 | 620 | 2400 | 4 | 3 | 1 | 8751.1410 | | | | | | | | | | 0.7 | 0.3 | 220 | |
| 21 | 621 | 400 | 4 | 3 | 1 | 8752.1311 | | | | | | | | | | 6.1 | 0.3 | 205 | |
| 22 | 621 | 400 | 4 | 3 | 1 | 8751.1411 | | | | | | | | | | 0.2 | 0.3 | 220 | |
| 23 | 621 | 800 | 4 | 3 | 1 | 8752.1312 | | | | | | | | | | 3.1 | 0.5 | 210 | |
| 24 | 621 | 800 | 4 | 3 | 1 | 8751.1412 | | | | | | | | | | 0.0 | 0.2 | 220 | |
| 25 | 621 | 1200 | 4 | 3 | 1 | 8752.1313 | | | | | | | | | | 0.2 | 0.4 | 210 | 8.1 |
| 26 | 621 | 1200 | 4 | 3 | 1 | 8751.1413 | | | | | | | | | | 2.4 | 0.3 | 220 | 8.0 |
| 27 | 621 | 1600 | 4 | 3 | 1 | 8752.1314 | | | | | | | | | | 0.6 | 0.4 | 205 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 621 | 1600 | 4 | 3 | 1 | 8751.1414 | 1.3 | 0.3 | 220 | |
| 29 | 621 | 2000 | 4 | 3 | 1 | 8752.1315 | 1.1 | 0.3 | 210 | |
| 30 | 621 | 2000 | 4 | 3 | 1 | 8751.1415 | 0.9 | 0.3 | 220 | |
| 31 | 621 | 2400 | 4 | 3 | 1 | 8752.1316 | 4.1 | 0.9 | 210 | |
| 32 | 621 | 2400 | 4 | 3 | 1 | 8751.1416 | 0.7 | 0.3 | 220 | |
| 33 | 622 | 400 | 4 | 3 | 1 | 8752.1317 | 2.6 | 0.6 | 210 | 8.1 |
| 34 | 622 | 400 | 4 | 3 | 1 | 8751.1417 | 1.1 | 0.4 | 220 | 8.0 |
| 35 | 622 | 800 | 4 | 3 | 1 | 8752.1318 | 1.4 | 0.4 | 205 | |
| 36 | 622 | 800 | 4 | 3 | 1 | 8751.1418 | 1.5 | 0.5 | 220 | |
| 37 | 622 | 1200 | 4 | 3 | 1 | 8752.1319 | 2.2 | 0.4 | 210 | |
| 38 | 622 | 1200 | 4 | 3 | 1 | 8751.1419 | 0.9 | 0.5 | 220 | |
| 39 | 622 | 1600 | 4 | 3 | 1 | 8752.1320 | 4.8 | 0.5 | 215 | |
| 40 | 622 | 1600 | 4 | 3 | 1 | 8751.1420 | 1.1 | 0.4 | 220 | |
| 41 | 622 | 2000 | 4 | 3 | 1 | 8752.1321 | 4.1 | 0.8 | 210 | 8.1 |
| 42 | 622 | 2000 | 4 | 3 | 1 | 8751.1421 | 0.4 | 0.4 | 220 | 7.9 |
| 43 | 622 | 2400 | 4 | 3 | 1 | 8752.1322 | 7.0 | 0.4 | 215 | |
| 44 | 622 | 2400 | 4 | 3 | 1 | 8751.1422 | 0.9 | 0.4 | 220 | |
| 45 | 623 | 400 | 4 | 3 | 1 | 8752.1323 | 3.0 | 0.4 | 215 | |
| 46 | 623 | 400 | 4 | 3 | 1 | 8751.1423 | 0.7 | 0.5 | 220 | |
| 47 | 623 | 800 | 4 | 3 | 1 | 8752.1324 | 2.8 | 0.5 | 220 | |
| 48 | 623 | 800 | 4 | 3 | 1 | 8751.1424 | 0.9 | 0.4 | 225 | |
| 49 | 627 | 1600 | 4 | 3 | 1 | 8755.131 | 19.0 | 0.7 | 0.3 | 240 | 8.0 |
| 50 | 627 | 1600 | 4 | 3 | 1 | 8756.141 | 19.0 | 0.7 | 0.6 | 240 | 8.1 |
| 51 | 627 | 2000 | 4 | 3 | 1 | 8755.132 | 4.4 | 0.4 | 240 | |
| 52 | 627 | 2000 | 4 | 3 | 1 | 8756.142 | 2.3 | 0.3 | 240 | |
| 53 | 627 | 2400 | 4 | 3 | 1 | 8755.133 | 0.5 | 0.2 | 240 | |
| 54 | 627 | 2400 | 4 | 3 | 1 | 8756.143 | 1.4 | 0.3 | 245 | |
| 55 | 628 | 400 | 4 | 3 | 1 | 8755.134 | 0.5 | 0.3 | 240 | |
| 56 | 628 | 400 | 4 | 3 | 1 | 8756.144 | 0.2 | 0.2 | 245 | |
| 57 | 628 | 800 | 4 | 3 | 1 | 8755.135 | 0.9 | 0.3 | 240 | 8.1 |
| 58 | 628 | 800 | 4 | 3 | 1 | 8756.145 | 1.0 | 0.3 | 245 | 8.0 |
| 59 | 628 | 1200 | 4 | 3 | 1 | 8755.136 | 0.5 | 0.3 | 245 | |
| 60 | 628 | 1200 | 4 | 3 | 1 | 8756.146 | 0.2 | 0.3 | 245 | |
| 61 | 628 | 1600 | 4 | 3 | 1 | 8755.137 | 0.2 | 0.3 | 245 | |
| 62 | 628 | 1600 | 4 | 3 | 1 | 8756.147 | 0.5 | 0.3 | 250 | |
| 63 | 628 | 2000 | 4 | 3 | 1 | 8755.138 | 0.9 | 0.3 | 250 | |
| 64 | 628 | 2000 | 4 | 3 | 1 | 8756.148 | 0.4 | 0.3 | 250 | |
| 65 | 628 | 2400 | 4 | 3 | 1 | 8755.139 | 0.7 | 0.4 | 245 | 8.1 |
| 66 | 628 | 2400 | 4 | 3 | 1 | 8756.149 | 0.2 | 0.3 | 250 | 7.9 |
| 67 | 629 | 400 | 4 | 3 | 1 | 8755.1310 | 2.1 | 0.2 | 245 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 629 | 400 | 4 | 3 | 1 | 8756.1410 | 0.2 | 0.4 | 250 | |
| 69 | 629 | 800 | 4 | 3 | 1 | 8755.1311 | 0.5 | 0.4 | 245 | |
| 70 | 629 | 800 | 4 | 3 | 1 | 8756.1411 | 0.0 | 0.4 | 250 | |
| 71 | 629 | 1200 | 4 | 3 | 1 | 8755.1312 | 2.1 | 0.3 | 245 | |
| 72 | 629 | 1200 | 4 | 3 | 1 | 8756.1412 | 0.0 | 0.2 | 250 | |
| 73 | 629 | 1600 | 4 | 3 | 1 | 8755.1313 | 1.1 | 0.3 | 245 | 8.0 |
| 74 | 629 | 1600 | 4 | 3 | 1 | 8756.1413 | 0.5 | 0.2 | 245 | 8.0 |
| 75 | 629 | 2000 | 4 | 3 | 1 | 8755.1314 | 1.4 | 0.2 | 245 | |
| 76 | 629 | 2000 | 4 | 3 | 1 | 8756.1414 | 1.1 | 0.2 | 245 | |
| 77 | 629 | 2400 | 4 | 3 | 1 | 8755.1315 | 0.5 | 0.3 | 245 | |
| 78 | 629 | 2400 | 4 | 3 | 1 | 8756.1415 | 0.0 | 0.3 | 240 | |
| 79 | 630 | 400 | 4 | 3 | 1 | 8755.1316 | 0.8 | 0.4 | 245 | |
| 80 | 630 | 400 | 4 | 3 | 1 | 8756.1416 | 0.2 | 0.2 | 240 | |
| 81 | 630 | 800 | 4 | 3 | 1 | 8755.1317 | 1.1 | 0.3 | 245 | 8.1 |
| 82 | 630 | 800 | 4 | 3 | 1 | 8756.1417 | 1.6 | 0.3 | 240 | 8.0 |
| 83 | 630 | 1200 | 4 | 3 | 1 | 8755.1318 | 2.0 | 0.4 | 250 | |
| 84 | 630 | 1200 | 4 | 3 | 1 | 8756.1418 | 0.0 | 0.2 | 240 | |
| 85 | 630 | 1600 | 4 | 3 | 1 | 8755.1319 | 1.2 | 0.3 | 250 | |
| 86 | 630 | 1600 | 4 | 3 | 1 | 8756.1419 | 0.0 | 0.3 | 240 | |
| 87 | 630 | 2000 | 4 | 3 | 1 | 8755.1320 | 1.0 | 0.4 | 250 | |
| 88 | 630 | 2000 | 4 | 3 | 1 | 8756.1420 | 0.7 | 0.5 | 240 | |
| 89 | 630 | 2400 | 4 | 3 | 1 | 8755.1321 | 1.4 | 0.4 | 250 | 8.1 |
| 90 | 630 | 2400 | 4 | 3 | 1 | 8756.1421 | 1.1 | 0.5 | 240 | 8.0 |
| 91 | 701 | 400 | 4 | 3 | 1 | 8755.1322 | 2.5 | 0.4 | 250 | |
| 92 | 701 | 400 | 4 | 3 | 1 | 8756.1422 | 1.1 | 0.4 | 240 | |
| 93 | 701 | 800 | 4 | 3 | 1 | 8755.1323 | 2.0 | 0.4 | 250 | |
| 94 | 701 | 800 | 4 | 3 | 1 | 8756.1423 | 0.2 | 0.3 | 240 | |
| 95 | 701 | 1200 | 4 | 3 | 1 | 8755.1324 | 2.3 | 0.3 | 250 | |
| 96 | 701 | 1200 | 4 | 3 | 1 | 8756.1424 | 0.0 | 0.3 | 240 | |

TABLE 20
SUMMARY FOR EDSON FOREST
1986

| SUMMARY FOR | NUMBER OF SAMPLES OF TYPE | | | | | ARITHMETIC MEAN/STDEV | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | SUM | AC FLOW | SED MG/L | TURB JTU | CONC uMHO | pH |
| HANLAN | | | 96 | | 96 | 0 | 1.5 | 0.4 | 230.7 | 8.0 |
| | | | | | | | 1.5 | 0.4 | 14.9 | 0.1 |
| SUB TOTALS | 0 | 0 | 96 | 0 | | | | | | |
| GRAND TOTALS | | | | | 96 | 0 | | | | |

TABLE 21
WATER QUALITY DATA FOR HODGE CREEK, GRANDE PRAIRIE FOREST, 1986
JUNE 15, 1986 - AUGUST 27, 1986

FOREST:GRANDE PRIRIE
CREEK: HODGE
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: A9 B14 A9
LOCATION : SE 35-64-26-W5
RATING CURVE: FLOW = .007+.395*STAGE+.999*STAGE^2

AREA : 31.4 HA
LAT/LON: 54 35'/117 49'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 526 | 1500 | ..... | 1 | 1 | 7501.13 | ..... | | 1 | 0.266 | ..... | | | | | 23.1 | 6.0 | 110 | 6.8 |
| 2 | 526 | 1500 | ..... | 1 | 1 | 7502.14 | ..... | 0.314 | 1 | 0.277 | ..... | | | | | 20.0 | 6.2 | 110 | |
| 3 | 602 | 1100 | .... | 1 | 1 | 7503.13 | 4 | ..... | 1 | 0.143 | ..... | | | | | 19.0 | 4.3 | 130 | |
| 4 | 602 | 1100 | ..... | 1 | 1 | 7504.14 | 4 | 0.174 | 1 | 0.143 | ..... | | | | | 9.5 | 2.9 | 130 | |
| 5 | 606 | 1318 | ..... | 1 | 1 | 7505.13 | 4 | ..... | 1 | 0.085 | ..... | | | | | 15.6 | 3.6 | 130 | 7.1 |
| 6 | 606 | 1410 | ..... | 1 | 1 | 7506.14 | 4 | 0.160 | 1 | 0.084 | ..... | | | | | 6.9 | 2.9 | 135 | |
| 7 | 611 | 1140 | ..... | 1 | 1 | 7507.13 | ..... | | 1 | 0.049 | ..... | | | | 11.4 | 5.3 | 2.7 | 150 | |
| 8 | 611 | 1225 | ..... | 1 | 1 | 7508.14 | ..... | 0.105 | 1 | 0.073 | ..... | | | | 11.4 | 3.3 | 2.3 | 150 | |
| 9 | 615 | 1223 | 3 | 3 | 1 | 7514.131 | ..... | | | 0.054 | ..... | | | | | 67.6 | 26.0 | 320 | 7.1 |
| 10 | 615 | 1515 | 3 | 3 | 1 | 7513.141 | ..... | | | 0.074 | ..... | | | | | 49.6 | 23.0 | 170 | 6.8 |
| 11 | 615 | 1523 | 3 | 3 | 1 | 7514.132 | ..... | | | 0.074 | ..... | | | | | 74.1 | 37.0 | 165 | |
| 12 | 615 | 1815 | 3 | 3 | 1 | 7513.142 | ..... | | | 0.129 | ..... | | | | | 63.1 | 35.0 | 170 | |
| 13 | 615 | 2115 | 3 | 3 | 1 | 7513.143 | ..... | | | 0.214 | ..... | | | | | 80.0 | 36.0 | 165 | |
| 14 | 615 | 2123 | 6 | 3 | 1 | 7514.133 | ..... | | | 0.214 | ..... | | | | | 95.1 | 36.0 | 160 | |
| 15 | 616 | 15 | 3 | 3 | 1 | 7513.144 | ..... | | | 0.255 | ..... | | | | | 49.5 | 23.0 | 160 | |
| 16 | 616 | 23 | 3 | 3 | 1 | 7514.134 | ..... | | | 0.255 | ..... | | | | | 53.3 | 22.0 | 155 | |
| 17 | 616 | 315 | 3 | 3 | 1 | 7513.145 | ..... | | | 0.268 | ..... | | | | | 40.6 | 20.0 | 160 | 7 0 |
| 18 | 616 | 323 | 3 | 3 | 1 | 7514.135 | ..... | | | 0.268 | ..... | | | | | 48.5 | 19.0 | 160 | 7.0 |
| 19 | 616 | 615 | 3 | 3 | 1 | 7513.146 | ..... | | | 0.274 | ..... | | | | | 35.5 | 17.0 | 160 | |
| 20 | 616 | 623 | 3 | 3 | 1 | 7514.136 | ..... | | | 0.274 | ..... | | | | | 40.0 | 16.0 | 150 | |
| 21 | 616 | 915 | 3 | 3 | 1 | 7513.147 | ..... | | | 0.278 | ..... | | | | | 32.2 | 17.0 | 155 | |
| 22 | 616 | 923 | 3 | 3 | 1 | 7514.137 | ..... | | | 0.278 | ..... | | | | | 36.3 | 17.0 | 150 | |
| 23 | 616 | 1215 | 3 | 3 | 1 | 7513.148 | ..... | | | 0.285 | ..... | | | | | 28.0 | 15.0 | 150 | |
| 24 | 616 | 1223 | 3 | 3 | 1 | 7514.138 | ..... | | | 0.285 | ..... | | | | | 36.0 | 14.0 | 145 | |
| 25 | 616 | 1515 | 3 | 3 | 1 | 7513.149 | ..... | | | 0.275 | ..... | | | | | 23.0 | 13.0 | 150 | 7 2 |
| 26 | 616 | 1523 | 3 | 3 | 1 | 7514.139 | ..... | | | 0.275 | ..... | | | | | 26.1 | 13.0 | 150 | 7.0 |
| 27 | 616 | 1815 | 3 | 3 | 1 | 7513.1410 | ..... | | | 0.261 | ..... | | | | | 19.8 | 11.0 | 150 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 616 | 1823 | | 3 | 3 | 1 | 7514.1310 | | | 0.261 | | | | 21.4 | 10.0 | 150 | | |
| 29 | 616 | 2115 | | 3 | 3 | 1 | 7513.1411 | | | 0.257 | | | | 22.6 | 13.0 | 150 | | |
| 30 | 616 | 2123 | | 3 | 3 | 1 | 7514.1311 | | | 0.257 | | | | 60.8 | 27.0 | 145 | | |
| 31 | 617 | 15 | | 3 | 3 | 1 | 7513.1412 | | | 0.262 | | | | 19.4 | 6.2 | 150 | | |
| 32 | 617 | 23 | | 3 | 3 | 1 | 7514.1312 | | | 0 262 | | | | 24.6 | 11.0 | 145 | | |
| 33 | 617 | 315 | | 3 | 3 | 1 | 7513.1413 | | | 0.305 | | | | 41.2 | 17.0 | 145 | 7.1 | |
| 34 | 617 | 323 | | 3 | 3 | 1 | 7514.1313 | | | 0.305 | | | | 50.7 | 18.0 | 140 | 7.3 | |
| 35 | 617 | 615 | | 3 | 3 | 1 | 7513.1414 | | | 0.306 | | | | 34.6 | 17.0 | 145 | | |
| 36 | 617 | 623 | | 3 | 3 | 1 | 7514.1314 | | | 0.306 | | | | 39.6 | 17.0 | 140 | | |
| 37 | 617 | 915 | | 3 | 3 | 1 | 7513.1415 | | | 0.301 | | | | 27.6 | 14.0 | 145 | | |
| 38 | 617 | 923 | | 3 | 3 | 1 | 7514.1315 | | | 0.301 | | | | 28.6 | 17.0 | 140 | | |
| 39 | 617 | 1130 | | | 1 | 1 | 7509.13 | 4 | | | 1 | 0.337 | | 28.4 | 25.3 | 9.8 | 125 | 7.2 |
| 40 | 617 | 1223 | | 3 | 3 | 1 | 7515.131 | | | 0.297 | | | | | 28.9 | 9.8 | 145 | 7 2 |
| 41 | 617 | 1230 | | | 1 | 1 | 7510.14 | 4 | 0.375 | | 1 | 0.313 | | 28.4 | 21.5 | 9.6 | 120 | |
| 42 | 617 | 1523 | | 3 | 3 | 1 | 7515.132 | | | 0.290 | | | | | 20.8 | 7.6 | 145 | |
| 43 | 617 | 1523 | | 3 | 3 | 1 | 7516.142 | | | 0.290 | | | | | 15.7 | 11.0 | 160 | 7.2 |
| 44 | 617 | 1523 | | 3 | 3 | 1 | 7516.141 | | | 0.297 | | | | | 20.6 | 13.0 | 140 | |
| 45 | 617 | 1823 | | 3 | 3 | 1 | 7515.133 | | | 0.283 | | | | | 18.0 | 5.8 | 140 | |
| 46 | 617 | 1823 | | 3 | 3 | 1 | 7516.143 | | | 0 283 | | | | | 14.5 | 5.8 | 140 | |
| 47 | 617 | 2123 | | 3 | 3 | 1 | 7516.144 | | | 0.277 | | | | | 15.5 | 5.8 | 140 | |
| 48 | 617 | 2123 | | 3 | 3 | 1 | 7515.134 | | | 0.277 | | | | | 17.8 | 6.1 | 140 | |
| 49 | 618 | 23 | | 3 | 3 | 1 | 7516.145 | | | 0.265 | | | | | 14.9 | 5.9 | 140 | |
| 50 | 618 | 23 | | 3 | 3 | 1 | 7515.135 | | | 0.265 | | | | | 14.8 | 5.6 | 140 | 7.2 |
| 51 | 618 | 323 | | 3 | 3 | 1 | 7516.146 | | | 0.253 | | | | | 12.0 | 5.1 | 140 | |
| 52 | 618 | 323 | | 3 | 3 | 1 | 7515.136 | | | 0.253 | | | | | 16.2 | 5.4 | 140 | |
| 53 | 618 | 623 | | 3 | 3 | 1 | 7516.147 | | | 0.243 | | | | | 12.2 | 4.7 | 140 | |
| 54 | 618 | 623 | | 3 | 3 | 1 | 7515.137 | | | 0.243 | | | | | 20.2 | 6.2 | 140 | |
| 55 | 618 | 923 | | 3 | 3 | 1 | 7516.148 | | | 0.235 | | | | | 13.3 | 4.9 | 140 | 7.2 |
| 56 | 618 | 923 | | 3 | 3 | 1 | 7515.138 | | | 0.235 | | | | | 13.9 | 4.8 | 140 | |
| 57 | 618 | 1223 | | 3 | 3 | 1 | 7516.149 | | | 0.224 | | | | | 17.2 | 4.3 | 140 | |
| 58 | 618 | 1223 | | 3 | 3 | 1 | 7515.139 | | | 0.224 | | | | | 19.2 | 5.2 | 140 | 7.2 |
| 59 | 618 | 1523 | | 3 | 3 | 1 | 7516.1410 | | | 0.294 | | | | | 64.0 | 27.0 | 135 | |
| 60 | 618 | 1523 | | 3 | 3 | 1 | 7515.1310 | | | 0.294 | | | | | 855.4 | 240.0 | 145 | |
| 61 | 618 | 1823 | | 3 | 3 | 1 | 7516.1411 | | | 0.358 | | | | | 66.7 | 37.0 | 140 | |
| 62 | 618 | 2123 | | 3 | 3 | 1 | 7516.1412 | | | 0.438 | | | | | 98.6 | 33.0 | 140 | 7.4 |
| 63 | 619 | 23 | | 3 | 3 | 1 | 7516.1413 | | | 0.501 | | | | | 70.5 | 27.0 | 140 | |
| 64 | 619 | 323 | | 3 | 3 | 1 | 7516.1414 | | | 0.501 | | | | | 58.4 | 23.0 | 140 | |
| 65 | 619 | 623 | | 3 | 3 | 1 | 7516.1415 | | | 0.489 | | | | | 52.3 | 19.0 | 140 | |
| 66 | 619 | 923 | | 3 | 3 | 1 | 7516.1416 | | | 0.469 | | | | | 41.9 | 17.0 | 140 | |
| 67 | 619 | 1050 | | | 1 | 1 | 7511.13 | | | | 1 | 0.490 | | 15.2 | 47.4 | 18.0 | 140 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 619 | 1105 | | 3 | 3 | 1 | 7519.131 | | | | 0.459 | | | | 59.4 | 26.0 | 130 | |
| 69 | 619 | 1155 | | | 1 | 1 | 7512.14 | | 0.485 | 1 | 0.438 | | | 15.2 | 35.6 | 16.0 | 140 | |
| 70 | 619 | 1401 | | 3 | 3 | 1 | 7517.141 | | | | 0.441 | | | | 27.0 | 9.2 | 130 | 7.2 |
| 71 | 619 | 1405 | | 3 | 3 | 1 | 7519.132 | | | | 0.441 | | | | 46.0 | 17.0 | 130 | |
| 72 | 619 | 1701 | | 3 | 3 | 1 | 7517.142 | | | | 0.417 | | | | 27.2 | 8.7 | 130 | |
| 73 | 619 | 2001 | | 3 | 3 | 1 | 7517.143 | | | | 0.394 | | | | 17.3 | 5.7 | 130 | |
| 74 | 619 | 2005 | | 6 | 3 | 1 | 7519.133 | | | | 0.394 | | | | 39.2 | 17.0 | 130 | |
| 75 | 619 | 2301 | | 3 | 3 | 1 | 7517.144 | | | | 0.393 | | | | 18.7 | 5.6 | 130 | |
| 76 | 619 | 2305 | | 3 | 3 | 1 | 7519.134 | | | | 0.393 | | | | 35.9 | 17.0 | 120 | |
| 77 | 620 | 201 | | 3 | 3 | 1 | 7517.145 | | | | 0.363 | | | | 17.6 | 8.4 | 130 | 7.3 |
| 78 | 620 | 205 | | 3 | 3 | 1 | 7519.135 | | | | 0.363 | | | | 27.0 | 16.0 | 125 | |
| 79 | 620 | 501 | | 3 | 3 | 1 | 7517.146 | | | | 0.336 | | | | 18.4 | 6.8 | 130 | |
| 80 | 620 | 505 | | 3 | 3 | 1 | 7519.136 | | | | 0.336 | | | | 24.8 | 13.0 | 125 | |
| 81 | 620 | 801 | | 3 | 3 | 1 | 7517.147 | | | | 0.318 | | | | 3.8 | 4.5 | 130 | |
| 82 | 620 | 805 | | 3 | 3 | 1 | 7519.137 | | | | 0.318 | | | | 25.3 | 11.0 | 130 | 7.1 |
| 83 | 620 | 1101 | | 3 | 3 | 1 | 7517.148 | | | | 0.303 | | | | 11.6 | 4.5 | 130 | |
| 84 | 620 | 1105 | | 3 | 3 | 1 | 7519.138 | | | | 0.303 | | | | 19.8 | 11.0 | 125 | |
| 85 | 620 | 1401 | | 3 | 3 | 1 | 7517.149 | | | | 0.288 | | | | 9.2 | 4.7 | 130 | 7.2 |
| 86 | 620 | 1405 | | 3 | 3 | 1 | 7519.139 | | | | 0.288 | | | | 25.4 | 13.0 | 125 | |
| 87 | 620 | 1701 | | 3 | 3 | 1 | 7517.1410 | | | | 0.269 | | | | 13.4 | 5.7 | 130 | |
| 88 | 620 | 1705 | | 3 | 3 | 1 | 7519.1310 | | | | 0.269 | | | | 13.5 | 5.5 | 130 | |
| 89 | 620 | 2001 | | 3 | 3 | 1 | 7517.1411 | | | | 0.255 | | | | 12.7 | 5.1 | 130 | |
| 90 | 620 | 2005 | | 3 | 3 | 1 | 7519.1311 | | | | 0.255 | | | | 17.4 | 7.3 | 130 | 7.2 |
| 91 | 620 | 2301 | | 3 | 3 | 1 | 7517.1412 | | | | 0.237 | | | | 10.2 | 4.7 | 130 | |
| 92 | 620 | 2305 | | 3 | 3 | 1 | 7519.1312 | | | | 0.237 | | | | 16.2 | 6.2 | 130 | |
| 93 | 621 | 201 | | 3 | 3 | 1 | 7517.1413 | | | | 0.223 | | | | 13.6 | 5.8 | 130 | 7.3 |
| 94 | 621 | 205 | | 3 | 3 | 1 | 7519.1313 | | | | 0.223 | | | | 16.7 | 6.3 | 125 | |
| 95 | 621 | 501 | | 3 | 3 | 1 | 7517.1414 | | | | 0.207 | | | | 11.2 | 4.9 | 130 | |
| 96 | 621 | 505 | | 3 | 3 | 1 | 7519.1314 | | | | 0.207 | | | | 14.6 | 5.3 | 125 | |
| 97 | 621 | 801 | | 3 | 3 | 1 | 7517.1415 | | | | 0.198 | | | | 9.9 | 4.8 | 130 | |
| 98 | 621 | 805 | | 3 | 3 | 1 | 7519.1315 | | | | 0.198 | | | | 16.5 | 7.1 | 130 | 7.3 |
| 99 | 621 | 1101 | | 3 | 3 | 1 | 7517.1416 | | | | 0.185 | | | | 14.0 | 5.0 | 130 | |
| 100 | 621 | 1105 | | 3 | 3 | 1 | 7519.1316 | | | | 0.185 | | | | 16.1 | 5.3 | 130 | |
| 101 | 621 | 1230 | | | 1 | 1 | 7520.13 | 4 | | 1 | 0.179 | | | 0.2 | 11.6 | 5.5 | 140 | 7.3 |
| 102 | 621 | 1330 | | | 1 | 1 | 7518.14 | 4 | 0.260 | 1 | 0.155 | | | 0.2 | 16.0 | 5.9 | 130 | 7.5 |
| 103 | 625 | 955 | | | 1 | 1 | 7542.13 | | | | 0.082 | | | 5.4 | 16.0 | 3.3 | 150 | |
| 104 | 625 | 1015 | | | 1 | 1 | 7541.14 | 4 | 0.125 | 1 | 0.085 | | | 5.4 | 7.8 | 3.1 | 145 | |
| 105 | 701 | 1155 | | | 1 | 1 | 7543.13 | 4 | | | 0.038 | | | 4.5 | 16.1 | 3.6 | 165 | 7.5 |
| 106 | 701 | 1230 | | | 1 | 1 | 7544.14 | 4 | 0.060 | 1 | 0.048 | | | 4.5 | 3.2 | 3.5 | 165 | |
| 107 | 706 | 1030 | | | 1 | 1 | 7546.14 | 4 | 0.073 | 1 | 0.051 | | | 12.0 | 3.8 | 3.4 | 180 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 706 | 1035 | ..... | 1 | 1 | 7545.13 | 4 | ..... | 0.041 | ..... | | | 12.0 | 6.1 | 3.7 | 185 | | |
| 109 | 709 | 1120 | ..... | 1 | 1 | 7548.13 | 4 | ..... | 0.029 | ..... | | | 1.0 | 16.7 | 3.0 | 200 | | |
| 110 | 709 | 1130 | ..... | 1 | 1 | 7547.14 | 4 | 0.049 | 1 | 0.031 | ..... | | 1.0 | 5.1 | 2.4 | 210 | 7.4 | |
| 111 | 710 | 1400 | 3 | 3 | 1 | 7549.131 | ..... | | 0.058 | ..... | | | | 316.3 | 110.0 | 170 | 7.4 | |
| 112 | 710 | 1400 | 3 | 3 | 1 | 7550.141 | ..... | | 0.058 | ..... | | | | 202.8 | 63.0 | 185 | 7.3 | |
| 113 | 710 | 1700 | 3 | 3 | 1 | 7549.132 | ..... | | 0.091 | ..... | | | | 18.3 | 110.0 | 170 | | |
| 114 | 710 | 1700 | 3 | 3 | 1 | 7550.142 | ..... | | 0.091 | ..... | | | | 176.0 | 140.0 | 160 | | |
| 115 | 710 | 2000 | 3 | 3 | 1 | 7550.143 | ..... | | 0.091 | ..... | | | | 62.1 | 44.0 | 165 | | |
| 116 | 710 | 2300 | 6 | 3 | 1 | 7549.133 | ..... | | 0.102 | ..... | | | | 62.6 | 38.0 | 170 | | |
| 117 | 710 | 2300 | 3 | 3 | 1 | 7550.144 | ..... | | 0.102 | ..... | | | | 30.9 | 16.0 | 170 | | |
| 118 | 711 | 200 | 3 | 3 | 1 | 7549.134 | ..... | | 0.127 | ..... | | | | 289.2 | 145.0 | 170 | | |
| 119 | 711 | 200 | 3 | 3 | 1 | 7550.145 | ..... | | 0.127 | ..... | | | | 33.5 | 27.0 | 165 | 7.5 | |
| 120 | 711 | 500 | 3 | 3 | 1 | 7550.146 | ..... | | 0.134 | ..... | | | | 33.3 | 18.0 | 160 | | |
| 121 | 711 | 500 | 3 | 3 | 1 | 7549.135 | ..... | | 0.134 | ..... | | | | 108.4 | 62.0 | 160 | 7.4 | |
| 122 | 711 | 800 | 3 | 3 | 1 | 7550.147 | ..... | | 0.160 | ..... | | | | 40.4 | 16.0 | 155 | | |
| 123 | 711 | 800 | 3 | 3 | 1 | 7549.136 | ..... | | 0.160 | ..... | | | | 49.7 | 23.0 | 160 | | |
| 124 | 711 | 1100 | 3 | 3 | 1 | 7550.148 | ..... | | 0.175 | ..... | | | | 25.4 | 11.0 | 160 | | |
| 125 | 711 | 1100 | 3 | 3 | 1 | 7549.137 | ..... | | 0.175 | ..... | | | | 58.7 | 23.0 | 155 | | |
| 126 | 711 | 1400 | 3 | 3 | 1 | 7549.138 | ..... | | 0.179 | ..... | | | | 57.6 | 24.0 | 160 | | |
| 127 | 711 | 1400 | 3 | 3 | 1 | 7550.149 | ..... | | 0.179 | ..... | | | | 19.0 | 5.8 | 175 | 7.5 | |
| 128 | 711 | 1700 | 3 | 3 | 1 | 7549.139 | ..... | | 0.171 | ..... | | | | 42.4 | 17.0 | 160 | 7.5 | |
| 129 | 711 | 1700 | 3 | 3 | 1 | 7550.1410 | ..... | | 0.171 | ..... | | | | 10.0 | 3.7 | 160 | | |
| 130 | 711 | 2000 | 3 | 3 | 1 | 7550.1411 | ..... | | 0.161 | ..... | | | | 12.2 | 4.0 | 150 | | |
| 131 | 711 | 2000 | 3 | 3 | 1 | 7549.1310 | ..... | | 0.161 | ..... | | | | 49.2 | 22.0 | 155 | | |
| 132 | 711 | 2300 | 3 | 3 | 1 | 7550.1412 | ..... | | 0.151 | ..... | | | | 8.6 | 2.8 | 160 | | |
| 133 | 711 | 2300 | 3 | 3 | 1 | 7549.1311 | ..... | | 0.151 | ..... | | | | 25.6 | 11.0 | 155 | | |
| 134 | 712 | 200 | 3 | 3 | 1 | 7550.1413 | ..... | | 0.145 | ..... | | | | 9.8 | 3.4 | 170 | 7.5 | |
| 135 | 712 | 200 | 3 | 3 | 1 | 7549.1312 | ..... | | 0.145 | ..... | | | | 23.7 | 12.0 | 155 | | |
| 136 | 712 | 500 | 3 | 3 | 1 | 7550.1414 | ..... | | 0.134 | ..... | | | | 13.1 | 4.1 | 160 | | |
| 137 | 712 | 500 | 3 | 3 | 1 | 7549.1313 | ..... | | 0.134 | ..... | | | | 18.3 | 6.9 | 160 | 7.5 | |
| 138 | 712 | 800 | 3 | 3 | 1 | 7550.1415 | ..... | | 0.127 | ..... | | | | 10.8 | 3.2 | 160 | | |
| 139 | 712 | 800 | 3 | 3 | 1 | 7549.1314 | ..... | | 0.127 | ..... | | | | 17.1 | 7.6 | 155 | | |
| 140 | 712 | 1100 | 3 | 3 | 1 | 7549.1315 | ..... | | 0.121 | ..... | | | | 17.0 | 5.8 | 155 | | |
| 141 | 712 | 1100 | 3 | 3 | 1 | 7550.1416 | ..... | | 0.121 | ..... | | | | 7.8 | 2.9 | 160 | | |
| 142 | 712 | 1400 | 3 | 3 | 1 | 7550.1417 | ..... | | 0.114 | ..... | | | | 8.2 | 2.8 | 160 | 7.5 | |
| 143 | 712 | 1400 | 3 | 3 | 1 | 7549.1316 | ..... | | 0.114 | ..... | | | | 9.7 | 5.9 | 155 | | |
| 144 | 712 | 1700 | 3 | 3 | 1 | 7550.1418 | ..... | | 0.109 | ..... | | | | 12.8 | 3.0 | 155 | | |
| 145 | 712 | 1700 | 3 | 3 | 1 | 7549.1317 | ..... | | 0.109 | ..... | | | | 11.7 | 3.9 | 160 | 7.6 | |
| 146 | 712 | 2000 | 3 | 3 | 1 | 7549.1318 | ..... | | 0.105 | ..... | | | | 11.3 | 3.5 | 160 | | |
| 147 | 712 | 2000 | 3 | 3 | 1 | 7550.1419 | ..... | | 0.105 | ..... | | | | 9.0 | 2.5 | 160 | | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 712 | 2300 | | 3 | 3 | 1 | 7549.1319 | | | 0.100 | | | | 15.7 | 3 9 | 160 | |
| 149 | 712 | 2300 | | 3 | 3 | 1 | 7550.1420 | | | 0.100 | | | | 12 7 | 2 8 | 160 | |
| 150 | 713 | 200 | | 3 | 3 | 1 | 7549.1320 | | | 0.098 | | | | 9.9 | 3 1 | 160 | |
| 151 | 713 | 200 | | 3 | 3 | 1 | 7550.1421 | | | 0.098 | | | | 7.6 | 3.0 | 160 | 7.3 |
| 152 | 713 | 500 | | 3 | 3 | 1 | 7549.1321 | | | 0.093 | | | | 11.0 | 2.9 | 170 | |
| 153 | 713 | 500 | | 3 | 3 | 1 | 7550.1422 | | | 0.093 | | | | 11 7 | 3.6 | 160 | |
| 154 | 713 | 800 | | 3 | 3 | 1 | 7549.1322 | | | 0.097 | | | | 12.7 | 4.0 | 170 | |
| 155 | 713 | 800 | | 3 | 3 | 1 | 7550.1423 | | | 0.097 | | | | 5.7 | 2.8 | 160 | |
| 156 | 713 | 1100 | | 3 | 3 | 1 | 7549.1323 | | | 0.093 | | | | 11 8 | 2.5 | 170 | |
| 157 | 713 | 1100 | | 3 | 3 | 1 | 7550.1424 | | | 0.093 | | | | 5.1 | 2.3 | 160 | |
| 158 | 720 | 1050 | | 1 | 1 | | 7551.13 | 4 | | 0.272 | | | 80.4 | 20.6 | 3.7 | 135 | 7.0 |
| 159 | 720 | 1155 | | 1 | 1 | | 7552.14 | | 0.346 | 1 | 0.204 | | 80.4 | 13.2 | 3.3 | 145 | |
| 160 | 728 | 1150 | | 1 | 1 | | 7553.13 | 4 | | | 0.057 | | 15.2 | 6.4 | 3.3 | 175 | |
| 161 | 728 | 1150 | | 1 | 1 | | 7554.14 | 4 | 0.100 | 1 | 0.046 | | 15.2 | 6.2 | 3.1 | 175 | |
| 162 | 731 | 1250 | | 1 | 1 | | 7555.13 | 4 | | | 0.051 | | 2 4 | 7.2 | 3.0 | 190 | |
| 163 | 731 | 1315 | | 1 | 1 | | 7556.14 | 4 | 0.092 | 1 | 0.042 | | 2.4 | 5.5 | 2.8 | 190 | |
| 164 | 806 | 1155 | | 1 | 1 | | 7557.14 | 4 | 0.085 | 1 | 0.010 | | 0.1 | 4.5 | 3.5 | 215 | |
| 165 | 806 | 1200 | | 1 | 1 | | 7558.13 | 4 | | | 0.049 | | 0.1 | 7.7 | 4.2 | 220 | |
| 166 | 811 | 1530 | | 1 | 1 | | 7559.13 | 4 | | | 0.047 | | | 4.6 | 5.9 | 245 | |
| 167 | 811 | 1535 | | 1 | 1 | | 7560.14 | 4 | 0.082 | 1 | 0.008 | | | 4.4 | 5.3 | 240 | |
| 168 | 817 | 1020 | | 1 | 1 | | 7600.13 | 1 | | | | | | 3.1 | 3.7 | 230 | 8.8 |
| 169 | 817 | 1030 | | 1 | 1 | | 7601.14 | 1 | 0.082 | 1 | 0.001 | | | 7.2 | 3.5 | 230 | 7.6 |
| 170 | 827 | 1030 | | 1 | 1 | | 7602.13 | | | | | | 5.0 | 2.8 | 4.7 | 255 | 8.2 |
| 171 | 827 | 1040 | | 1 | 1 | | 7603.14 | | 0.082 | | 0.046 | | 5.0 | 3.5 | 4.7 | 250 | 8 8 |

TABLE 22
WATER QUALITY DATA FOR LITTLE REDROCK CREEK, GRANDE PRAIRIE FOREST, 1986
JUNE 15, 1986 - SEPTEMBER 4, 1986

FOREST:GRANDE PRAIRIE
CREEK: LITTLE REDROCK
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: A9 C16 E2
LOCATION : NE 36-61-9-W6
RATING CURVE: FLOW = 005362e^(12.4423389*STAGE)

AREA : 79.9 HA
LAT/LON: 54 25 / 119 21'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 604 | 1200 | ..... | 1 | 1 | 7521.13 | ..... | | 1 | 0.285 | ..... | | | | | 7.8 | 2.1 | 225 | |
| 2 | 604 | 1230 | ..... | 1 | 1 | 7522.14 | ..... | 0.484 | 1 | 0.239 | ..... | | | | | 3.5 | 1.4 | 235 | |
| 3 | 607 | 1230 | ..... | 1 | 1 | 7525.13 | ..... | | 1 | 0.225 | ..... | | | | | 3.0 | 2.5 | 250 | |
| 4 | 607 | 1245 | ..... | 1 | 1 | 7526.14 | ..... | 0.466 | 1 | 0.195 | ..... | | | | | 3.5 | 1.7 | 245 | |
| 5 | 609 | 1200 | ..... | 1 | 1 | 7523.13 | 4 | ..... | 1 | 0.147 | ..... | | | | | 2.5 | 1.5 | 270 | 8.0 |
| 6 | 609 | 1300 | ..... | 1 | 1 | 7524.14 | 4 | 0.454 | ..... | 0.113 | ..... | | | | | 2.6 | 1.4 | 265 | |
| 7 | 610 | 1045 | ..... | 1 | 1 | 7527.13 | ..... | | 1 | 0.150 | ..... | | | | | 3.2 | 1.5 | 260 | 8.3 |
| 8 | 610 | 1045 | ..... | 1 | 1 | 7528.14 | ..... | 0.446 | 1 | 0.160 | ..... | | | | | 2.4 | 1.8 | 260 | |
| 9 | 615 | 632 | 3 | 3 | 1 | 7533.141 | ..... | | | 0.404 | ..... | | | | | 141.8 | 41.0 | 295 | 7.7 |
| 10 | 615 | 729 | 3 | 3 | 1 | 7534.131 | ..... | | | 0.420 | ..... | | | | | 821.6 | 280.0 | 285 | 8.0 |
| 11 | 615 | 932 | 3 | 3 | 1 | 7533.142 | ..... | | | 0.463 | ..... | | | | | 317.1 | 160.0 | 295 | |
| 12 | 615 | 1029 | 3 | 3 | 1 | 7534.132 | ..... | | | 0.481 | ..... | | | | | 141.6 | 89.0 | 285 | |
| 13 | 615 | 1232 | 3 | 3 | 1 | 7533.143 | ..... | | | 0.566 | ..... | | | | | 208.6 | 59.0 | 280 | |
| 14 | 615 | 1329 | 3 | 3 | 1 | 7534.133 | ..... | | | 0.658 | ..... | | | | | 256.5 | 66.0 | 270 | |
| 15 | 615 | 1532 | 3 | 3 | 1 | 7533.144 | ..... | | | 0.789 | ..... | | | | | 197.2 | 54.0 | 265 | |
| 16 | 615 | 1629 | 3 | 3 | 1 | 7534.134 | ..... | | | 0.803 | ..... | | | | | 163.9 | 56.0 | 250 | |
| 17 | 615 | 1832 | 3 | 3 | 1 | 7533.145 | ..... | | | 0.799 | ..... | | | | | 126.9 | 55.0 | 200 | 7.5 |
| 18 | 615 | 1929 | 3 | 3 | 1 | 7534.135 | ..... | | | 0.787 | ..... | | | | | 99.6 | 48.0 | 190 | 7.6 |
| 19 | 615 | 2132 | 3 | 3 | 1 | 7533.146 | ..... | | | 0.764 | ..... | | | | | 79.4 | 38.0 | 170 | |
| 20 | 615 | 2229 | 3 | 3 | 1 | 7534.136 | ..... | | | 0.755 | ..... | | | | | 70.6 | 37.0 | 170 | |
| 21 | 616 | 32 | 3 | 3 | 1 | 7533.147 | ..... | | | 0.734 | ..... | | | | | 53.1 | 26.0 | 160 | |
| 22 | 616 | 129 | 3 | 3 | 1 | 7534.137 | ..... | | | 0.726 | ..... | | | | | 38.6 | 26.0 | 160 | |
| 23 | 616 | 332 | 3 | 3 | 1 | 7533.148 | ..... | | | 0.707 | ..... | | | | | 40.4 | 19.0 | 160 | |
| 24 | 616 | 429 | 3 | 3 | 1 | 7534.138 | ..... | | | 0.700 | ..... | | | | | 22.7 | 9.8 | 160 | |
| 25 | 616 | 632 | 3 | 3 | 1 | 7533.149 | ..... | | | 0.685 | ..... | | | | | 30.8 | 5.8 | 165 | 7.3 |
| 26 | 616 | 729 | 3 | 3 | 1 | 7534.139 | ..... | | | 0.677 | ..... | | | | | 25.4 | 14.0 | 165 | 7.5 |
| 27 | 616 | 932 | 3 | 3 | 1 | 7533.1410 | ..... | | | 0.666 | ..... | | | | | 49.0 | 18.0 | 165 | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 616 | 1029 | 3 | 3 | 1 | 7534.1310 | | | | 0.661 | | | | | | 16.9 | 11.0 | 165 | |
| 29 | 616 | 1232 | 3 | 3 | 1 | 7533.1411 | | | | 0.648 | | | | | | 18.8 | 5.2 | 170 | |
| 30 | 616 | 1329 | 3 | 3 | 1 | 7534.1311 | | | | 0.637 | | | | | | 16.6 | 6.4 | 170 | |
| 31 | 616 | 1455 | ..... | 1 | 1 | 7529.13 | 4 | ..... | 1 | 1.114 | | | | | 34 | 14.0 | 7.8 | 150 | |
| 32 | 616 | 1530 | ..... | 1 | 1 | 7530.14 | 4 | 0.618 | 1 | 0.955 | | | | | 34 | 12.9 | 6.8 | 150 | |
| 33 | 616 | 1532 | 3 | 3 | 1 | 7533.1412 | | | | 0.632 | | | | | | 17.2 | 5.1 | 170 | |
| 34 | 616 | 1629 | 3 | 3 | 1 | 7534.1312 | | | | 0.625 | | | | | | 16.1 | 5.4 | 170 | |
| 35 | 616 | 1832 | 3 | 3 | 1 | 7533.1413 | | | | 0.614 | | | | | | 6.3 | 3.7 | 175 | 7.6 |
| 36 | 616 | 1929 | 3 | 3 | 1 | 7534.1313 | | | | 0.614 | | | | | | 15.0 | 5.1 | 175 | 7.6 |
| 37 | 616 | 2132 | 3 | 3 | 1 | 7533.1414 | | | | 0.606 | | | | | | 11.0 | 4.1 | 175 | |
| 38 | 616 | 2229 | 3 | 3 | 1 | 7534.1314 | | | | 0.601 | | | | | | 13.8 | 4.6 | 175 | |
| 39 | 617 | 32 | 3 | 3 | 1 | 7533.1415 | | | | 0.592 | | | | | | 20.0 | 2.4 | 180 | |
| 40 | 617 | 129 | 3 | 3 | 1 | 7534.1315 | | | | 0.588 | | | | | | 14.9 | 5.8 | 180 | |
| 41 | 617 | 332 | 3 | 3 | 1 | 7533.1416 | | | | 0.578 | | | | | | 10.3 | 4.6 | 185 | |
| 42 | 617 | 429 | 3 | 3 | 1 | 7534.1316 | | | | 0.574 | | | | | | 15.6 | 5.1 | 185 | |
| 43 | 617 | 632 | 3 | 3 | 1 | 7533.1417 | | | | 0.571 | | | | | | 11.5 | 4.2 | 185 | 7.8 |
| 44 | 617 | 729 | 3 | 3 | 1 | 7534.1317 | | | | 0.568 | | | | | | 9.8 | 4.4 | 185 | 7.5 |
| 45 | 617 | 932 | 3 | 3 | 1 | 7533.1418 | | | | 0.561 | | | | | | 14.9 | 2.4 | 190 | |
| 46 | 617 | 1029 | 3 | 3 | 1 | 7534.1318 | | | | 0.558 | | | | | | 2.9 | 3.5 | 190 | |
| 47 | 617 | 1232 | 3 | 3 | 1 | 7533.1419 | | | | 0.552 | | | | | | 13.0 | 3.5 | 190 | |
| 48 | 617 | 1329 | 3 | 3 | 1 | 7534.1319 | | | | 0.550 | | | | | | 7.1 | 3.2 | 190 | |
| 49 | 617 | 1532 | 3 | 3 | 1 | 7533.1420 | | | | 0.546 | | | | | | 10.8 | 3.3 | 195 | |
| 50 | 617 | 1629 | 3 | 3 | 1 | 7534.1320 | | | | 0.544 | | | | | | 8.5 | 3.6 | 195 | |
| 51 | 617 | 1745 | ..... | 1 | 1 | 7531.13 | | ..... | 1 | 0.542 | | | | 0.2 | | 8.0 | 4.3 | 200 | 7.8 |
| 52 | 617 | 1800 | ..... | 1 | 1 | 7532.14 | | 0.560 | 1 | 0.579 | | | | 0.2 | | 7.9 | 4.3 | 200 | |
| 53 | 617 | 1929 | 3 | 3 | 1 | 7536.131 | | | | 0.539 | | | | | | 13.5 | 6.9 | 200 | 7.9 |
| 54 | 617 | 1929 | 3 | 3 | 1 | 7535.141 | | | | 0.539 | | | | | | 19.2 | 7.2 | 180 | |
| 55 | 617 | 2229 | 3 | 3 | 1 | 7536.132 | | | | 0.533 | | | | | | 10.8 | 4.0 | 200 | |
| 56 | 617 | 2229 | 3 | 3 | 1 | 7535.142 | | | | 0.533 | | | | | | 14.5 | 5.4 | 180 | |
| 57 | 618 | 129 | 3 | 3 | 1 | 7536.133 | | | | 0.525 | | | | | | 14.4 | 6.6 | 200 | |
| 58 | 618 | 129 | 3 | 3 | 1 | 7535.143 | | | | 0.525 | | | | | | 13.9 | 5.3 | 190 | 7.8 |
| 59 | 618 | 429 | 3 | 3 | 1 | 7535.144 | | | | 0.519 | | | | | | 13.0 | 4.9 | 190 | |
| 60 | 618 | 429 | 3 | 3 | 1 | 7536.134 | | | | 0.519 | | | | | | 13.6 | 4.0 | 205 | |
| 61 | 618 | 729 | 3 | 3 | 1 | 7536.135 | | | | 0.513 | | | | | | 6.7 | 3.5 | 205 | 7.8 |
| 62 | 618 | 729 | 3 | 3 | 1 | 7535.145 | | | | 0.513 | | | | | | 11.1 | 4.8 | 190 | |
| 63 | 618 | 1029 | 3 | 3 | 1 | 7535.146 | | | | 0.508 | | | | | | 9.8 | 3.9 | 190 | |
| 64 | 618 | 1029 | 3 | 3 | 1 | 7536.136 | | | | 0.508 | | | | | | 7.4 | 3.9 | 210 | |
| 65 | 618 | 1329 | 3 | 3 | 1 | 7535.147 | | | | 0.507 | | | | | | 14.7 | 3.6 | 205 | |
| 66 | 618 | 1329 | 3 | 3 | 1 | 7536.137 | | | | 0.507 | | | | | | 7.0 | 4.1 | 210 | |
| 67 | 618 | 1629 | 3 | 3 | 1 | 7535.148 | | | | 0.505 | | | | | | | 2.9 | ..... | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 618 | 1629 | 3 | 3 | 1 | 7536.138 | | | | 0.505 | | | | 4.1 | 2.4 | 210 | | |
| 69 | 618 | 1929 | 3 | 3 | 1 | 7535.149 | | | | 0.500 | | | | 9.6 | 2.9 | 190 | 8.0 | |
| 70 | 618 | 1929 | 3 | 3 | 1 | 7536.139 | | | | 0.500 | | | | 4.1 | 2.7 | 210 | 7.9 | |
| 71 | 618 | 2229 | 3 | 3 | 1 | 7535.1410 | | | | 0.500 | | | | 9.6 | 2.9 | 195 | | |
| 72 | 618 | 2229 | 3 | 3 | 1 | 7536.1310 | | | | 0.500 | | | | 4.7 | 2.5 | 215 | | |
| 73 | 619 | 129 | 3 | 3 | 1 | 7536.1311 | | | | 0.503 | | | | 3.8 | 2.3 | 220 | | |
| 74 | 619 | 129 | 3 | 3 | 1 | 7535.1411 | | | | 0.503 | | | | 10.1 | 3.4 | 195 | | |
| 75 | 619 | 429 | 3 | 3 | 1 | 7536.1312 | | | | 0.504 | | | | 5.3 | 2.2 | 220 | | |
| 76 | 619 | 429 | 3 | 3 | 1 | 7535.1412 | | | | 0.504 | | | | 8.6 | 2.8 | 200 | | |
| 77 | 619 | 729 | 3 | 3 | 1 | 7536.1313 | | | | 0.505 | | | | 2.7 | 2.4 | 220 | 8.1 | |
| 78 | 619 | 729 | 3 | 3 | 1 | 7535.1413 | | | | 0.505 | | | | 9.1 | 3.5 | 200 | 8.0 | |
| 79 | 619 | 1029 | 3 | 3 | 1 | 7536.1314 | | | | 0.502 | | | | 3.1 | 2.5 | 220 | | |
| 80 | 619 | 1029 | 3 | 3 | 1 | 7535.1414 | | | | 0.502 | | | | 8.4 | 2.3 | 200 | | |
| 81 | 619 | 1329 | 3 | 3 | 1 | 7535.1415 | | | | 0.500 | | | | 6.7 | 2.7 | 200 | | |
| 82 | 619 | 1329 | 3 | 3 | 1 | 7536.1315 | | | | 0.500 | | | | 5.1 | 2.1 | 225 | | |
| 83 | 619 | 1629 | 3 | 3 | 1 | 7536.1316 | | | | 0.495 | | | | 3.8 | 2.3 | 225 | | |
| 84 | 619 | 1629 | 3 | 3 | 1 | 7535.1416 | | | | 0.495 | | | | 8.1 | 2.2 | 205 | | |
| 85 | 619 | 1929 | 3 | 3 | 1 | 7536.1317 | | | | 0.495 | | | | 3.1 | 2.5 | 230 | 8.1 | |
| 86 | 619 | 1929 | 3 | 3 | 1 | 7535.1417 | | | | 0.495 | | | | 7.0 | 2.5 | 205 | 8.0 | |
| 87 | 619 | 2229 | 3 | 3 | 1 | 7536.1318 | | | | 0.490 | | | | 4.4 | 2.5 | 230 | | |
| 88 | 619 | 2229 | 3 | 3 | 1 | 7535.1418 | | | | 0.490 | | | | 7.0 | 2.6 | 210 | | |
| 89 | 620 | 129 | 3 | 3 | 1 | 7535.1419 | | | | 0.481 | | | | 7.4 | 2.7 | 210 | | |
| 90 | 620 | 129 | 3 | 3 | 1 | 7536.1319 | | | | 0.481 | | | | 4.2 | 2.6 | 235 | | |
| 91 | 620 | 429 | 3 | 3 | 1 | 7535.1420 | | | | 0.478 | | | | 7.8 | 2.2 | 210 | | |
| 92 | 620 | 429 | 3 | 3 | 1 | 7536.1320 | | | | 0.478 | | | | 4.6 | 2.5 | 235 | | |
| 93 | 620 | 729 | 3 | 3 | 1 | 7535.1421 | | | | 0.473 | | | | 4.6 | 2.1 | 210 | 8.1 | |
| 94 | 620 | 729 | 3 | 3 | 1 | 7536.1321 | | | | 0.473 | | | | 5.5 | 2.1 | 215 | | |
| 95 | 620 | 1029 | 3 | 3 | 1 | 7536.1322 | | | | 0.473 | | | | 5.1 | 2.9 | 215 | | |
| 96 | 620 | 1029 | 3 | 3 | 1 | 7535.1422 | | | | 0.473 | | | | 3.2 | 1.7 | 210 | | |
| 97 | 620 | 1155 | ..... | 1 | 1 | 7537.13 | | | 1 | 0.332 | | | 2.8 | 4.5 | 2.6 | 210 | 8.0 | |
| 98 | 620 | 1240 | ..... | 1 | 1 | 7538.14 | 4 | 0.510 | 1 | 0.276 | | | 2.8 | 3.7 | 2.3 | 210 | | |
| 99 | 623 | 345 | 3 | 3 | 1 | 7561.141 | | | | 0.439 | | | | 10.2 | 2.8 | 220 | | |
| 100 | 623 | 645 | 3 | 3 | 1 | 7561.142 | | | | 0.442 | | | | 7.3 | 2.4 | 225 | | |
| 101 | 623 | 945 | 3 | 3 | 1 | 7561.143 | | | | 0.445 | | | | 9.5 | 2.7 | 215 | 8.1 | |
| 102 | 623 | 1245 | 3 | 3 | 1 | 7561.144 | | | | 0.443 | | | | 5.5 | 2.6 | 220 | | |
| 103 | 623 | 1545 | 3 | 3 | 1 | 7561.145 | | | | 0.441 | | | | 4.8 | 2.6 | 220 | | |
| 104 | 623 | 1845 | 3 | 3 | 1 | 7561.146 | | | | 0.446 | | | | 4.2 | 1.7 | 230 | 8.1 | |
| 105 | 623 | 2145 | 3 | 3 | 1 | 7561.147 | | | | 0.442 | | | | 2.8 | 1.4 | 220 | 8.3 | |
| 106 | 624 | 45 | 3 | 3 | 1 | 7561.148 | | | | 0.438 | | | | 2.6 | 1.7 | 225 | | |
| 107 | 624 | 345 | 3 | 3 | 1 | 7561.149 | | | | 0.438 | | | | 6.3 | 1.4 | 235 | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 624 | 645 | 3 | 3 | 1 | 7561.1410 | | | 0.435 | | | | | 2.7 | 1.7 | 235 | | | |
| 109 | 624 | 945 | 3 | 3 | 1 | 7561.1411 | | | 0.432 | | | | | 4.1 | 1.6 | 230 | 8.2 | | |
| 110 | 624 | 1245 | 3 | 3 | 1 | 7561.1412 | | | 0.434 | | | | | 2.6 | 1.2 | 230 | | | |
| 111 | 624 | 1545 | ..... | 1 | 1 | 7540.13 | | | 0.435 | | | | | 2.5 | 1.3 | 260 | | | |
| 112 | 624 | 1545 | 3 | 3 | 1 | 7561.1413 | | | 0.435 | | | | | 6.7 | 1.8 | 260 | 8.1 | | |
| 113 | 624 | 1555 | ..... | 1 | 1 | 7539.14 | 4 | 0.482 | 1 | 0.176 | | | 5.6 | 2.5 | 1.6 | 260 | 8.1 | | |
| 114 | 701 | 1330 | ..... | 1 | 1 | 7562.13 | 2 | | | 0.464 | | | 14.8 | 8.2 | 3.0 | 285 | 8.3 | | |
| 115 | 701 | 1340 | ..... | 1 | 1 | 7563.14 | 2 | 0.505 | 1 | 0.273 | | | 14.8 | 3.6 | 1.9 | 290 | | | |
| 116 | 705 | 256 | 3 | 3 | 1 | 7564.141 | | | | 0.459 | | | | 193.3 | 73.0 | 300 | | | |
| 117 | 705 | 556 | 3 | 3 | 1 | 7564.142 | | | | 0.491 | | | | 57.9 | 27.0 | 300 | 8.1 | | |
| 118 | 705 | 856 | 3 | 3 | 1 | 7564.143 | | | | 0.516 | | | | 43.4 | 15.0 | 300 | | | |
| 119 | 705 | 1156 | 3 | 3 | 1 | 7564.144 | | | | 0.531 | | | | 28.7 | 11.0 | 300 | | | |
| 120 | 705 | 1456 | 3 | 3 | 1 | 7564.145 | | | | 0.532 | | | | 24.8 | 3.8 | 300 | | | |
| 121 | 705 | 1630 | ..... | 1 | 1 | 7565.13 | | | | 0.531 | | | 19.8 | 10.2 | 3.5 | 295 | | | |
| 122 | 705 | 1630 | ..... | 1 | 1 | 7566.14 | 4 | 0.545 | 1 | 0.489 | | | 19.8 | 7.2 | 3.6 | 295 | 8.2 | | |
| 123 | 705 | 1931 | 3 | 3 | 1 | 7569.131 | | | | 0.515 | | | | 37.0 | 6.0 | 295 | | | |
| 124 | 705 | 1936 | 3 | 3 | 1 | 7570.141 | 4 | | | 0.515 | | | | 16.8 | 3.6 | 290 | | | |
| 125 | 705 | 2231 | 3 | 3 | 1 | 7569.132 | | | | 0.508 | | | | 14.0 | 3.2 | 295 | | | |
| 126 | 705 | 2236 | 3 | 3 | 1 | 7570.142 | | | | 0.508 | | | | 9.7 | 2.8 | 290 | | | |
| 127 | 706 | 131 | 3 | 3 | 1 | 7569.133 | | | | 0.499 | | | | 13.4 | 3.8 | 295 | | | |
| 128 | 706 | 136 | 3 | 3 | 1 | 7570.143 | | | | 0.499 | | | | 15.9 | 4.3 | 290 | 8.1 | | |
| 129 | 706 | 431 | 3 | 3 | 1 | 7569.134 | | | | 0.496 | | | | 7.0 | 2.7 | 290 | 8.2 | | |
| 130 | 706 | 436 | 3 | 3 | 1 | 7570.144 | | | | 0.496 | | | | 12.5 | 2.7 | 290 | | | |
| 131 | 706 | 731 | 3 | 3 | 1 | 7569.135 | | | | 0.490 | | | | 6.4 | 2.4 | 290 | | | |
| 132 | 706 | 736 | 3 | 3 | 1 | 7570.145 | | | | 0.490 | | | | 12.0 | 2.4 | 285 | | | |
| 133 | 706 | 1031 | 3 | 3 | 1 | 7569.136 | | | | 0.484 | | | | 5.4 | 2.6 | 290 | | | |
| 134 | 706 | 1036 | 3 | 3 | 1 | 7570.146 | | | | 0.484 | | | | 13.4 | 2.4 | 280 | | | |
| 135 | 706 | 1331 | 3 | 3 | 1 | 7569.137 | | | | 0.481 | | | | 4.5 | 2.5 | 285 | | | |
| 136 | 706 | 1336 | 3 | 3 | 1 | 7570.147 | | | | 0.483 | | | | 10.3 | 2.8 | 280 | 8.2 | | |
| 137 | 706 | 1631 | 3 | 3 | 1 | 7569.138 | | | | 0.482 | | | | 63.2 | 43.0 | 280 | 8.2 | | |
| 138 | 706 | 1636 | 3 | 3 | 1 | 7570.148 | | | | 0.481 | | | | 18.5 | 29.0 | 275 | | | |
| 139 | 706 | 1931 | 3 | 3 | 1 | 7569.139 | | | | 0.489 | | | | 14.3 | 13.0 | 280 | | | |
| 140 | 706 | 1936 | 3 | 3 | 1 | 7570.149 | | | | 0.489 | | | | 19.2 | 9.5 | 275 | | | |
| 141 | 706 | 2231 | 3 | 3 | 1 | 7569.1310 | | | | 0.504 | | | | 11.7 | 4.6 | 270 | | | |
| 142 | 706 | 2236 | 3 | 3 | 1 | 7570.1410 | | | | 0.504 | | | | 14.5 | 5.1 | 270 | | | |
| 143 | 707 | 131 | 3 | 3 | 1 | 7569.1311 | | | | 0.518 | | | | 11.1 | 4.1 | 270 | 8.1 | | |
| 144 | 707 | 136 | 3 | 3 | 1 | 7570.1411 | | | | 0.518 | | | | 12.5 | 4.0 | 265 | 8.1 | | |
| 145 | 707 | 431 | 3 | 3 | 1 | 7569.1312 | | | | 0.521 | | | | 10.1 | 3.6 | 270 | | | |
| 146 | 707 | 436 | 3 | 3 | 1 | 7570.1412 | | | | 0.521 | | | | 14.0 | 3.6 | 265 | | | |
| 147 | 707 | 731 | 3 | 3 | 1 | 7569.1313 | | | | 0.519 | | | | 6.1 | 2.9 | 270 | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 707 | 736 | 3 | 3 | 1 | 7570.1413 | ..... | | | 0.519 | ..... | | | 8.8 | 2.4 | 265 | | |
| 149 | 707 | 1031 | 3 | 3 | 1 | 7569.1314 | ..... | | | 0.519 | ..... | | | 9.3 | 3.0 | 270 | | |
| 150 | 707 | 1036 | 3 | 3 | 1 | 7570.1414 | ..... | | | 0.519 | ..... | | | 5.7 | 2.6 | 265 | | |
| 151 | 707 | 1100 | ..... | 1 | 1 | 7567.13 | ..... | | | 0.517 | ..... | | 5.4 | 3.5 | 2.7 | 260 | 8.1 | |
| 152 | 707 | 1135 | ..... | 1 | 1 | 7568.14 | 4 | 0.540 | 1 | 0.478 | 0.550 | ..... | 5.4 | 4.4 | 2.6 | 260 | | |
| 153 | 707 | 1331 | 3 | 3 | 1 | 7580.131 | ..... | | | 0.512 | ..... | | | 2.2 | 3.4 | 275 | 8.1 | |
| 154 | 707 | 1331 | 3 | 3 | 1 | 7581.141 | ..... | | | 0.512 | ..... | | | 17.8 | 2.9 | 295 | 8.0 | |
| 155 | 707 | 1631 | 3 | 3 | 1 | 7581.142 | ..... | | | 0.506 | ..... | | | 8.0 | 2.4 | 275 | | |
| 156 | 707 | 1631 | 3 | 3 | 1 | 7580.132 | ..... | | | 0.506 | ..... | | | 6.3 | 3.1 | 275 | | |
| 157 | 707 | 1931 | 3 | 3 | 1 | 7580.133 | ..... | | | 0.501 | ..... | | | 2.8 | 2.6 | 275 | | |
| 158 | 707 | 1931 | 3 | 3 | 1 | 7581.143 | ..... | | | 0.501 | ..... | | | 6.9 | 2.0 | 275 | | |
| 159 | 707 | 2231 | 3 | 3 | 1 | 7580.134 | ..... | | | 0.496 | ..... | | | 7.3 | 4.5 | 275 | | |
| 160 | 707 | 2231 | 3 | 3 | 1 | 7581.144 | ..... | | | 0.496 | ..... | | | 10.7 | 3.7 | 275 | | |
| 161 | 708 | 131 | 3 | 3 | 1 | 7581.145 | ..... | | | 0.488 | ..... | | | 9.5 | 3.6 | 275 | 8.2 | |
| 162 | 708 | 131 | 3 | 3 | 1 | 7580.135 | ..... | | | 0.488 | ..... | | | 5.3 | 3.7 | 275 | 8.1 | |
| 163 | 708 | 431 | 3 | 3 | 1 | 7581.146 | ..... | | | 0.483 | ..... | | | 6.3 | 2.8 | 275 | | |
| 164 | 708 | 431 | 3 | 3 | 1 | 7580.136 | ..... | | | 0.483 | ..... | | | 5.5 | 3.2 | 275 | | |
| 165 | 708 | 731 | 3 | 3 | 1 | 7581.147 | ..... | | | 0.476 | ..... | | | 7.0 | 2.6 | 280 | | |
| 166 | 708 | 731 | 3 | 3 | 1 | 7580.137 | ..... | | | 0.476 | ..... | | | 2.4 | 2.0 | 275 | | |
| 167 | 708 | 1031 | 3 | 3 | 1 | 7581.148 | ..... | | | 0.472 | ..... | | | 11.3 | 2.4 | 280 | | |
| 168 | 708 | 1031 | 3 | 3 | 1 | 7580.138 | ..... | | | 0.472 | ..... | | | 4.6 | 2.8 | 280 | | |
| 169 | 708 | 1331 | 3 | 3 | 1 | 7581.149 | ..... | | | 0.469 | ..... | | | 6.5 | 2.8 | 280 | 8.2 | |
| 170 | 708 | 1331 | 3 | 3 | 1 | 7580.139 | ..... | | | 0.469 | ..... | | | 3.5 | 2.3 | 280 | 8.2 | |
| 171 | 708 | 1631 | 3 | 3 | 1 | 7581.1410 | ..... | | | 0.466 | ..... | | | 5.9 | 2.0 | 280 | | |
| 172 | 708 | 1631 | 3 | 3 | 1 | 7580.1310 | ..... | | | 0.466 | ..... | | | 3.4 | 2.3 | 280 | | |
| 173 | 708 | 1931 | 3 | 3 | 1 | 7581.1411 | ..... | | | 0.461 | ..... | | | 7.6 | 2.3 | 280 | | |
| 174 | 708 | 1931 | 3 | 3 | 1 | 7580.1311 | ..... | | | 0.461 | ..... | | | 4.0 | 2.1 | 280 | | |
| 175 | 708 | 2231 | 3 | 3 | 1 | 7581.1412 | ..... | | | 0.454 | ..... | | | 11.1 | 1.9 | 280 | | |
| 176 | 708 | 2231 | 3 | 3 | 1 | 7580.1312 | ..... | | | 0.454 | ..... | | | 4.5 | 0.9 | 290 | | |
| 177 | 709 | 131 | 3 | 3 | 1 | 7581.1413 | ..... | | | 0.453 | ..... | | | 6.8 | 2.1 | 280 | 8.1 | |
| 178 | 709 | 131 | 3 | 3 | 1 | 7580.1313 | ..... | | | 0.453 | ..... | | | 3.3 | 2.3 | 290 | 8.1 | |
| 179 | 709 | 431 | 3 | 3 | 1 | 7581.1414 | ..... | | | 0.452 | ..... | | | 6.5 | 2.2 | 280 | | |
| 180 | 709 | 431 | 3 | 3 | 1 | 7580.1314 | ..... | | | 0.452 | ..... | | | 3.4 | 1.8 | 285 | | |
| 181 | 709 | 731 | 3 | 3 | 1 | 7581.1415 | ..... | | | 0.449 | ..... | | | 6.6 | 1.9 | 285 | | |
| 182 | 709 | 731 | 3 | 3 | 1 | 7580.1315 | ..... | | | 0.449 | ..... | | | 4.8 | 1.8 | 285 | | |
| 183 | 709 | 1031 | 3 | 3 | 1 | 7580.1316 | ..... | | | 0.449 | ..... | | | 4.4 | 1.8 | 285 | | |
| 184 | 709 | 1031 | 3 | 3 | 1 | 7581.1416 | ..... | | | 0.449 | ..... | | | 7.1 | 1.7 | 285 | | |
| 185 | 709 | 1331 | 3 | 3 | 1 | 7581.1417 | ..... | | | 0.453 | ..... | | | 8.3 | 2.4 | 265 | 8.1 | |
| 186 | 709 | 1331 | 3 | 3 | 1 | 7580.1317 | ..... | | | 0.453 | ..... | | | 2.9 | 1.7 | 300 | 8.1 | |
| 187 | 709 | 1631 | 3 | 3 | 1 | 7580.1318 | ..... | | | 0.452 | ..... | | | 2.9 | 1.8 | 285 | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 709 | 1631 | 3 | 3 | 1 | 7581.1418 | | | | | 0.452 | | | | | 5.9 | 1.6 | 285 | | |
| 189 | 709 | 1931 | 3 | 3 | 1 | 7581.1419 | | | | | 0.448 | | | | | 5.7 | 1.5 | 285 | | |
| 190 | 709 | 1931 | 3 | 3 | 1 | 7580.1319 | | | | | 0.448 | | | | | 3.6 | 1.8 | 285 | | |
| 191 | 709 | 2231 | 3 | 3 | 1 | 7581.1420 | | | | | 0.449 | | | | | 7.0 | 1.8 | 290 | | |
| 192 | 709 | 2231 | 3 | 3 | 1 | 7580.1320 | | | | | 0.449 | | | | | 3.8 | 1.6 | 285 | | |
| 193 | 710 | 131 | 3 | 3 | 1 | 7580.1321 | | | | | 0.448 | | | | | 2.8 | 1.8 | 285 | | |
| 194 | 710 | 131 | 3 | 3 | 1 | 7581.1421 | | | | | 0.448 | | | | | 4.8 | 2.0 | 290 | | |
| 195 | 710 | 431 | 3 | 3 | 1 | 7580.1322 | | | | | 0.444 | | | | | 2.8 | 1.8 | 290 | | |
| 196 | 710 | 431 | 3 | 3 | 1 | 7581.1422 | | | | | 0.444 | | | | | 6.0 | 1.6 | 290 | | |
| 197 | 710 | 731 | 3 | 3 | 1 | 7580.1323 | | | | | 0.442 | | | | | 4.0 | 1.9 | 290 | | |
| 198 | 710 | 731 | 3 | 3 | 1 | 7581.1423 | | | | | 0.442 | | | | | 11.1 | 1.1 | 295 | | |
| 199 | 710 | 1031 | 3 | 3 | 1 | 7581.1424 | | | | | 0.440 | | | | | 6.6 | 2.1 | 245 | | |
| 200 | 710 | 1031 | 3 | 3 | 1 | 7580.1324 | | | | | 0.440 | | | | | 3.3 | 1.3 | 300 | 8.1 | |
| 201 | 714 | 1130 | ..... | 1 | 1 | 7571.13 | 4 | | | | 0.391 | | | | | 1.9 | 1.0 | 315 | | |
| 202 | 714 | 1140 | ..... | 1 | 1 | 7572.14 | 4 | 0.450 | 1 | | 0.166 | ..... | | | 6.2 | 2.3 | 0.9 | 315 | | |
| 203 | 715 | 1535 | 3 | 3 | 1 | 7573.141 | | | | | 0.400 | | | | | 15.1 | 2.8 | 325 | 8.1 | |
| 204 | 715 | 1835 | 3 | 3 | 1 | 7573.142 | | | | | 0.408 | | | | | 180.2 | 130.0 | 320 | | |
| 205 | 715 | 2135 | 3 | 3 | 1 | 7573.143 | | | | | 0.434 | | | | | 35.4 | 23.0 | 330 | | |
| 206 | 716 | 35 | 3 | 3 | 1 | 7573.144 | | | | | 0.452 | | | | | 202.2 | 95.0 | 320 | | |
| 207 | 716 | 335 | 3 | 3 | 1 | 7573.145 | | | | | 0.473 | | | | | 47.3 | 26.0 | 320 | | |
| 208 | 716 | 635 | 3 | 3 | 1 | 7573.146 | | | | | 0.501 | | | | | 74.1 | 33.0 | 320 | | |
| 209 | 716 | 935 | 3 | 3 | 1 | 7573.147 | | | | | 0.519 | | | | | 239.0 | 120.0 | 310 | 8.1 | |
| 210 | 716 | 1245 | ..... | 1 | 1 | 7575.13 | | | | | 0.564 | | | | 31.0 | 46.2 | 24.0 | 310 | | |
| 211 | 716 | 1300 | ..... | 1 | 1 | 7574.14 | 2 | 0.565 | 1 | | 0.833 | | | | 31.0 | 42.2 | 23.0 | 310 | 8.1 | |
| 212 | 716 | 1320 | 3 | 3 | 1 | 7577.131 | | | | | | | | | | 80.4 | 23.0 | 320 | | |
| 213 | 716 | 1320 | 3 | 3 | 1 | 7576.141 | | | | | 0.564 | | | | | 67.1 | 33.0 | 310 | | |
| 214 | 716 | 1620 | 3 | 3 | 1 | 7576.142 | | | | | 0.595 | | | | | 52.8 | 22.0 | 305 | | |
| 215 | 716 | 1620 | 3 | 3 | 1 | 7577.132 | | | | | | | | | | 49.6 | 14.0 | 300 | | |
| 216 | 716 | 1920 | 3 | 3 | 1 | 7577.133 | | | | | | | | | | 60.2 | 23.0 | 300 | 8.0 | |
| 217 | 716 | 1920 | 3 | 3 | 1 | 7576.143 | | | | | 0.637 | | | | | 57.0 | 21.0 | 310 | 8.1 | |
| 218 | 716 | 2220 | 3 | 3 | 1 | 7577.134 | ..... | | | | | | | | | 58.1 | 22.0 | 285 | | |
| 219 | 716 | 2220 | 3 | 3 | 1 | 7576.144 | | | | | 0.666 | | | | | 97.1 | 27.0 | 285 | | |
| 220 | 717 | 120 | 3 | 3 | 1 | 7577.135 | | | | | | | | | | 46.9 | 25.0 | 265 | | |
| 221 | 717 | 120 | 3 | 3 | 1 | 7576.145 | | | | | | | | | | 62.3 | 27.0 | 285 | | |
| 222 | 717 | 420 | 3 | 3 | 1 | 7576.146 | | | | | | | | | | 49.1 | 28.0 | 245 | | |
| 223 | 717 | 420 | 3 | 3 | 1 | 7577.136 | | | | | | | | | | 37.7 | 24.0 | 250 | | |
| 224 | 717 | 720 | 3 | 3 | 1 | 7576.147 | | | | | | | | | | 47.4 | 22.0 | 235 | | |
| 225 | 717 | 720 | 3 | 3 | 1 | 7577.137 | | | | | | | | | | 30.1 | 24.0 | 230 | 7.8 | |
| 226 | 717 | 1020 | 3 | 3 | 1 | 7576.148 | | | | | | | | | | 27.2 | 17.0 | 220 | 7.8 | |
| 227 | 717 | 1020 | 3 | 3 | 1 | 7577.138 | | | | | | | | | | 21.0 | 15.0 | 230 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 717 | 1320 | 3 | 3 | 1 | 7576.149 | | | | | | | | | 29.5 | 17.0 | 220 | |
| 229 | 717 | 1320 | 3 | 3 | 1 | 7577.139 | | | | | | | | | 30.7 | 22.0 | 225 | |
| 230 | 717 | 1345 | ..... | 1 | 1 | 7578.14 | 4 | 0.618 | 1 | 1.336 | | | | 8.4 | 14.8 | 14.0 | 225 | |
| 231 | 717 | 1445 | ..... | 1 | 1 | 7579.13 | 4 | | | | | | | | 18.3 | 17.0 | 240 | 7.7 |
| 232 | 717 | 1540 | 3 | 3 | 1 | 7584.131 | | | | | | | | | 68.6 | 52.0 | 190 | |
| 233 | 717 | 1612 | 3 | 3 | 1 | 7585.141 | | | | | | | | | 86.6 | 38.0 | 195 | 7.4 |
| 234 | 717 | 1840 | 3 | 3 | 1 | 7584.132 | | | | | | | | | 113.9 | 62.0 | 190 | |
| 235 | 717 | 1912 | 3 | 3 | 1 | 7585.142 | | | | | | | | | 85.4 | 35.0 | 190 | |
| 236 | 717 | 2140 | 3 | 3 | 1 | 7584.133 | | | | | | | | | 260.4 | 84.0 | 185 | |
| 237 | 717 | 2212 | 3 | 3 | 1 | 7585.143 | | | | | | | | | 292.0 | 71.0 | 190 | |
| 238 | 718 | 40 | 3 | 3 | 1 | 7584.134 | | | | | | | | | 335.2 | 110.0 | 190 | 7.2 |
| 239 | 718 | 112 | 3 | 3 | 1 | 7585.144 | | | | | | | | | 367.2 | 105.0 | 175 | |
| 240 | 718 | 340 | 3 | 3 | 1 | 7584.135 | | | | | | | | | 205.5 | 75.0 | 160 | |
| 241 | 718 | 412 | 3 | 3 | 1 | 7585.145 | | | | | | | | | 246.7 | 82.0 | 160 | 7.4 |
| 242 | 718 | 640 | 3 | 3 | 1 | 7584.136 | | | | | | | | | 124.0 | 52.0 | 160 | |
| 243 | 718 | 712 | 3 | 3 | 1 | 7585.146 | | | | | | | | | 136.6 | 69.0 | 160 | |
| 244 | 718 | 940 | 3 | 3 | 1 | 7584.137 | | | | | | | | | 83.3 | 44.0 | 160 | |
| 245 | 718 | 1012 | 3 | 3 | 1 | 7585.147 | | | | | | | | | 112.7 | 34.0 | 160 | |
| 246 | 718 | 1240 | 3 | 3 | 1 | 7584.138 | | | | | | | | | 50.2 | 28.0 | 165 | 7.3 |
| 247 | 718 | 1312 | 3 | 3 | 1 | 7585.148 | | | | | | | | | 86.3 | 23.0 | 160 | |
| 248 | 718 | 1540 | 3 | 3 | 1 | 7584.139 | | | | | | | | | 40.8 | 22.0 | 160 | |
| 249 | 718 | 1612 | 3 | 3 | 1 | 7585.149 | | | | | | | | | 106.3 | 26.0 | 160 | 7.3 |
| 250 | 718 | 1840 | 3 | 3 | 1 | 7584.1310 | | | | | | | | | 37.3 | 17.0 | 165 | |
| 251 | 718 | 1912 | 3 | 3 | 1 | 7585.1410 | | | | | | | | | 66.6 | 19.0 | 160 | |
| 252 | 718 | 2140 | 3 | 3 | 1 | 7584.1311 | | | | | | | | | 29.9 | 15.0 | 165 | |
| 253 | 718 | 2212 | 3 | 3 | 1 | 7585.1411 | | | | | | | | | 62.9 | 15.0 | 165 | |
| 254 | 719 | 40 | 3 | 3 | 1 | 7584.1312 | | | | 0.705 | | | | | 26.7 | 14.0 | 235 | 7.5 |
| 255 | 719 | 112 | 3 | 3 | 1 | 7585.1412 | | | | 0.705 | | | | | 41.6 | 13.0 | 170 | |
| 256 | 719 | 340 | 3 | 3 | 1 | 7584.1313 | | | | 0.684 | | | | | 20.4 | 12.0 | 170 | |
| 257 | 719 | 412 | 3 | 3 | 1 | 7585.1413 | | | | 0.684 | | | | | 45.5 | 14.0 | 175 | 7.3 |
| 258 | 719 | 640 | 3 | 3 | 1 | 7584.1314 | | | | 0.666 | | | | | 20.0 | 12.0 | 175 | |
| 259 | 719 | 712 | 3 | 3 | 1 | 7585.1414 | | | | 0.666 | | | | | 39.6 | 11.0 | 175 | |
| 260 | 719 | 940 | 3 | 3 | 1 | 7584.1315 | | | | 0.652 | | | | | 15.4 | 4.9 | 180 | |
| 261 | 719 | 1012 | 3 | 3 | 1 | 7585.1415 | | | | 0.652 | | | | | 21.5 | 5.7 | 180 | |
| 262 | 719 | 1240 | 3 | 3 | 1 | 7584.1316 | | | | 0.646 | | | | | 18.0 | 5.9 | 185 | 7.5 |
| 263 | 719 | 1312 | 3 | 3 | 1 | 7585.1416 | | | | 0.645 | | | | | 38.4 | 4.9 | 180 | |
| 264 | 719 | 1425 | ..... | 1 | 1 | 7582.13 | 4 | | | 0.645 | | | | 14.8 | 13.3 | 5.8 | 185 | |
| 265 | 719 | 1542 | ..... | 1 | 1 | 7583.14 | 4 | 0.610 | ..... | 0.641 | | | | 14.8 | 11.8 | 5.3 | 180 | |
| 266 | 722 | 1055 | ..... | 1 | 1 | 7586.13 | 4 | | | 0.459 | | | | 0.4 | 16.6 | 3.7 | 255 | |
| 267 | 722 | 1110 | ..... | 1 | 1 | 7587.14 | 4 | 0.505 | 1 | 0.330 | | | | 0.4 | 4.7 | 2.8 | 255 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 268 | 723 | 1255 | ..... | 1 | 1 | 7588.13 | ..... | | | 0.458 | ..... | 4.2 | 4.9 | 2.1 | 270 | |
| 269 | 723 | 1315 | ..... | 1 | 1 | 7589.14 | 4 | 0.501 | ..... | 0.273 | ..... | 4.2 | 6.4 | 2.6 | 270 | |
| 270 | 801 | 1030 | ..... | 1 | 1 | 7591.13 | 4 | ..... | | 0.394 | ..... | 9.8 | 32.4 | 11.0 | 335 | |
| 271 | 801 | 1045 | ..... | 1 | 1 | 7590.14 | 4 | 0.451 | 1 | 0.135 | ..... | 9.8 | 5.9 | 2.6 | 330 | |
| 272 | 807 | 1050 | ..... | 1 | 1 | 7592.13 | 4 | ..... | | 0.359 | ..... | 5.8 | 2.1 | 1 4 | 360 | |
| 273 | 807 | 1100 | ..... | 1 | 1 | 7593.14 | 4 | 0.426 | 1 | 0.076 | ..... | 5.8 | ..... | | | |
| 274 | 811 | 1100 | ..... | 1 | 1 | 7594.13 | 4 | ..... | | 0.342 | ..... | 0.2 | 2.1 | 0.7 | 335 | 8.6 |
| 275 | 811 | 1130 | ..... | 1 | 1 | 7595.14 | 4 | 0.410 | 1 | 0.050 | ..... | 0.0 | 2.2 | 0.9 | 330 | |
| 276 | 817 | 1100 | ..... | 1 | 1 | 7596.14 | 4 | 0.399 | 1 | 0.074 | ..... | | 0.2 | 0.5 | 345 | 8.7 |
| 277 | 817 | 1110 | ..... | 1 | 1 | 7597.13 | 4 | ..... | | 0.326 | ..... | | 0.0 | 0.4 | 340 | 8.8 |
| 278 | 828 | 1011 | ..... | 1 | 1 | 7598.13 | 1 | .... | ..... | 0.271 | ..... | 3.8 | 0.7 | 0.4 | 365 | 8.8 |
| 279 | 828 | 1030 | ..... | 1 | 1 | 7599.14 | 1 | 0.308 | 1 | 0.039 | ..... | 3.8 | 0.0 | 0.3 | 360 | 8.8 |
| 280 | 904 | 1450 | ..... | 1 | 1 | 7611.13 | 2 | ..... | | 0.328 | ..... | 20.8 | 4.5 | 1.9 | 355 | 8.9 |
| 281 | 904 | 1500 | ..... | 1 | 1 | 7612.14 | 2 | 0.432 | ..... | 0.328 | ..... | 20.8 | 5.6 | 2.4 | 330 | 8.9 |

TABLE 23
SUMMARY FOR GRANDE PRAIRIE FOREST
1986

| SUMMARY FOR | NUMBER OF SAMPLES OF TYPE | | | | | ARITHMETIC MEAN/STDEV | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | SUM | AC FLOW | SED MG/L | TURB JTU | CONC uMHO | pH |
| HODGE | 36 | | 135 | | 171 | 24 | 35.0 | 15.2 | 153.6 | 7.4 |
| | | | | | | | 74.5 | 26.7 | 28.1 | 0.4 |
| LITTLE REDROCK | 46 | | 235 | | 281 | 26 | 35.6 | 14.2 | 242.1 | 8.0 |
| | | | | | | | 75.2 | 28.0 | 52.5 | 0.4 |
| SUB TOTALS | 82 | 0 | 370 | 0 | | | | | | |
| GRAND TOTALS | | | | | 452 | 50 | | | | |

TABLE 24
WATER QUALITY DATA FOR BAKER CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 3, 1986 - JULY 3, 1986

FOREST: ROCKY/CLEARWATER
CREEK: BAKER CREEK
COMMENTS: ISCO

PHASE 3 CODE: H13 D17 A5
LOCATION : 3-30-46-14-W5

AREA : 6392 HA
LAT/LONG: 52 59'/ 116 01'

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 503 | 1445 | ..... | 1 | 1 | 13862.1 | 4 | 0.081 | 1 | 0.332 | ..... | | | | | 5.9 | 2.1 | 265 | |
| 2 | 505 | 1800 | 12 | 3 | 1 | 13832.101 | ..... | | | | | | | | | 1.2 | 1.2 | 250 | 7.2 |
| 3 | 506 | 600 | 12 | 3 | 1 | 13832.102 | ..... | | | | | | | | | 1.5 | 1.4 | 235 | |
| 4 | 506 | 1800 | 12 | 3 | 1 | 13832.103 | ..... | | | | | | | | | 0.0 | 1.0 | 235 | |
| 5 | 507 | 1800 | 12 | 3 | 1 | 13832.104 | ..... | | | | | | | | | 0.0 | 1.2 | 220 | |
| 6 | 508 | 1800 | 12 | 3 | 1 | 13832.105 | ..... | | | | | | | | | 0.0 | 1.3 | 210 | 7.8 |
| 7 | 509 | 1800 | 12 | 3 | 1 | 13832.106 | ..... | | | | | | | | | 0.6 | 1.3 | 210 | |
| 8 | 510 | 600 | 12 | 3 | 1 | 13832.107 | ..... | | | | | | | | | 2.2 | 1.8 | 215 | |
| 9 | 510 | 1800 | 12 | 3 | 1 | 13832.108 | ..... | | | | | | | | | 1.8 | 1.7 | 210 | |
| 10 | 511 | 1800 | 12 | 3 | 1 | 13832.109 | ..... | | | | | | | | | 0.3 | 1.2 | 210 | 7.9 |
| 11 | 512 | 1800 | 12 | 3 | 1 | 13832.1010 | ..... | | | | | | | | | 2.2 | 1.9 | 210 | |
| 12 | 513 | 1800 | 12 | 3 | 1 | 13832.1011 | ..... | | | | | | | | | 6.7 | 1.9 | 210 | |
| 13 | 514 | 600 | 12 | 3 | 1 | 13832.1012 | ..... | | | | | | | | | 9.7 | 3.1 | 215 | |
| 14 | 514 | 1800 | 12 | 3 | 1 | 13832.1013 | ..... | | | | | | | | | 8.4 | 2.6 | 210 | 8.0 |
| 15 | 515 | 600 | 12 | 3 | 1 | 13832.1014 | ..... | | | | | | | | | 9.4 | 3.3 | 210 | |
| 16 | 515 | 1800 | 12 | 3 | 1 | 13832.1015 | ..... | | | | | | | | | 10.2 | 3.9 | 210 | |
| 17 | 516 | 1800 | 12 | 3 | 1 | 13832.1016 | ..... | | | | | | | | | 5.2 | 3.9 | 200 | |
| 18 | 517 | 1800 | 12 | 3 | 1 | 13832.1017 | ..... | | | | | | | | | 10.9 | 1.7 | 200 | 7.6 |
| 19 | 518 | 600 | 12 | 3 | 1 | 13832.1018 | ..... | | | | | | | | | 14.1 | 2.9 | 200 | |
| 20 | 518 | 1800 | 12 | 3 | 1 | 13832.1019 | ..... | | | | | | | | | 8.2 | 2.7 | 200 | |
| 21 | 519 | 600 | 12 | 3 | 1 | 13832.1020 | ..... | | | | | | | | | 10.0 | 2.9 | 200 | |
| 22 | 520 | 1800 | 12 | 3 | 1 | 13850.101 | ..... | | | | | | | | | 13.8 | 2.7 | 200 | 7.8 |
| 23 | 521 | 600 | 12 | 3 | 1 | 13850.102 | ..... | | | | | | | | | 33.2 | 3.2 | 200 | |
| 24 | 521 | 1800 | 12 | 3 | 1 | 13850.103 | ..... | | | | | | | | | 37.7 | 3.1 | 200 | |
| 25 | 522 | 600 | 12 | 3 | 1 | 13850.104 | ..... | | | | | | | | | 34.7 | 4.4 | 195 | |
| 26 | 522 | 1800 | 12 | 3 | 1 | 13850.105 | ..... | | | | | | | | | 67.5 | 6.4 | 190 | 7.8 |
| 27 | 523 | 1800 | 12 | 3 | 1 | 13850.106 | ..... | | | | | | | | | 73.0 | 4.5 | 180 | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 524 | 1800 | 12 | 3 | 1 | 13850.107 | 48.9 | 5.7 | 185 | | |
| 29 | 525 | 600 | 12 | 3 | 1 | 13850.108 | 37.5 | 2.1 | 180 | | |
| 30 | 525 | 1800 | 12 | 3 | 1 | 13850.109 | 33.8 | 4.7 | 190 | 7.9 | |
| 31 | 526 | 600 | 12 | 3 | 1 | 13850.1010 | 14.7 | 3.4 | 200 | | |
| 32 | 526 | 1800 | 12 | 3 | 1 | 13850.1011 | 38.1 | 5.3 | 200 | | |
| 33 | 527 | 1800 | 12 | 3 | 1 | 13850.1013 | 25.2 | 2.4 | 205 | | |
| 34 | 528 | 600 | 12 | 3 | 1 | 13850.1014 | 23.6 | 3.4 | 220 | 7.8 | |
| 35 | 528 | 1800 | 12 | 3 | 1 | 13850.1015 | 23.4 | 2.9 | 220 | | |
| 36 | 529 | 600 | 12 | 3 | 1 | 13850.1016 | 13.8 | 3.2 | 225 | | |
| 37 | 529 | 1800 | 12 | 3 | 1 | 13850.1017 | 19.6 | 2.3 | 230 | | |
| 38 | 530 | 600 | 12 | 3 | 1 | 13850.1018 | 17.9 | 3.4 | 230 | 8.1 | |
| 39 | 530 | 1800 | 12 | 3 | 1 | 13850.1019 | 21.9 | 3.7 | 240 | | |
| 40 | 531 | 600 | 12 | 3 | 1 | 13850.1020 | 20.0 | 3.8 | 245 | | |
| 41 | 531 | 1800 | 12 | 3 | 1 | 13850.1021 | 18.7 | 0.9 | 235 | 7.5 | |
| 42 | 601 | 600 | 12 | 3 | 1 | 13850.1022 | 29.7 | 2.8 | 240 | | |
| 43 | 601 | 1800 | 12 | 3 | 1 | 13850.1023 | 25.6 | 0.8 | 240 | | |
| 44 | 602 | 600 | 12 | 3 | 1 | 13850.1024 | 17.1 | 0.9 | 250 | | |
| 45 | 602 | 1800 | 12 | 3 | 1 | 13850.1025 | 18.8 | 3.0 | 250 | 7.6 | |
| 46 | 603 | 1800 | 12 | 3 | 1 | 13752.101 | 3.2 | 0.7 | 250 | 8.2 | |
| 47 | 604 | 600 | 12 | 3 | 1 | 13752.102 | 8.8 | 1.0 | 255 | | |
| 48 | 604 | 1800 | 12 | 3 | 1 | 13752.103 | 4.1 | 0.8 | 260 | | |
| 49 | 605 | 600 | 12 | 3 | 1 | 13752.104 | 5.7 | 0.9 | 265 | | |
| 50 | 605 | 1800 | 12 | 3 | 1 | 13752.105 | 7.5 | 1.7 | 265 | 8.2 | |
| 51 | 606 | 600 | 12 | 3 | 1 | 13752.106 | 12.9 | 1.8 | 270 | | |
| 52 | 606 | 1800 | 12 | 3 | 1 | 13752.107 | 7.2 | 1.5 | 270 | | |
| 53 | 607 | 600 | 12 | 3 | 1 | 13752.108 | 8.9 | 1.5 | 270 | | |
| 54 | 607 | 1800 | 12 | 3 | 1 | 13752.109 | 4.5 | 1.4 | 270 | 8.3 | |
| 55 | 608 | 600 | 12 | 3 | 1 | 13752.1010 | 4.7 | 0.8 | 275 | | |
| 56 | 608 | 1800 | 12 | 3 | 1 | 13752.1011 | 4.4 | 0.9 | 275 | | |
| 57 | 609 | 600 | 12 | 3 | 1 | 13752.1012 | 6.7 | 1.0 | 280 | | |
| 58 | 609 | 1800 | 12 | 3 | 1 | 13752.1013 | 2.8 | 0.8 | 275 | 8.3 | |
| 59 | 610 | 600 | 12 | 3 | 1 | 13752.1014 | 5.6 | 1.0 | 280 | | |
| 60 | 610 | 1800 | 12 | 3 | 1 | 13752.1015 | 5.6 | 1.3 | 280 | | |
| 61 | 611 | 600 | 12 | 3 | 1 | 13752.1016 | 3.5 | 0.9 | 285 | | |
| 62 | 611 | 1800 | 12 | 3 | 1 | 13752.1017 | 5.7 | 1.5 | 280 | 8.3 | |
| 63 | 612 | 600 | 12 | 3 | 1 | 13752.1018 | 10.3 | 1.7 | 285 | | |
| 64 | 613 | 600 | 12 | 3 | 1 | 13752.1019 | 4.7 | 0.9 | 290 | | |
| 65 | 613 | 1800 | 12 | 3 | 1 | 13752.1020 | 5.3 | 1.4 | 290 | | |
| 66 | 614 | 600 | 12 | 3 | 1 | 13752.1021 | 6.3 | 0.7 | 300 | | |
| 67 | 614 | 1800 | 12 | 3 | 1 | 13752.1022 | 4.9 | 0.7 | 300 | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 615 | 600 | 12 | 3 | 1 | 13752.1023 | 5.7 | 0.7 | 300 | | |
| 69 | 615 | 1800 | 12 | 3 | 1 | 13752.1024 | 6.3 | 1.0 | 290 | 8.5 | |
| 70 | 616 | 600 | 12 | 3 | 1 | 13752.1025 | 13.2 | 1.7 | 290 | | |
| 71 | 616 | 1800 | 12 | 3 | 1 | 13752.1026 | 5.1 | 0.6 | 290 | | |
| 72 | 617 | 600 | 12 | 3 | 1 | 13752.1027 | 10.0 | 0.9 | 290 | | |
| 73 | 619 | 1800 | 12 | 3 | 1 | 13753.101 | 1.0 | 0.6 | 280 | 8.1 | |
| 74 | 620 | 1800 | 12 | 3 | 1 | 13753.102 | 1.6 | 0.4 | 270 | | |
| 75 | 621 | 600 | 12 | 3 | 1 | 13753.103 | 6.8 | 0.7 | 270 | | |
| 76 | 621 | 1800 | 12 | 3 | 1 | 13753.104 | 1.7 | 0.5 | 265 | | |
| 77 | 622 | 600 | 12 | 3 | 1 | 13753.105 | 4.8 | 0.9 | 270 | 8.2 | |
| 78 | 622 | 1800 | 12 | 3 | 1 | 13753.106 | 2.9 | 0.7 | 270 | | |
| 79 | 623 | 600 | 12 | 3 | 1 | 13753.107 | 3.8 | 0.8 | 275 | | |
| 80 | 623 | 1800 | 12 | 3 | 1 | 13753.108 | 3.2 | 0.6 | 275 | | |
| 81 | 624 | 600 | 12 | 3 | 1 | 13753.109 | 18.8 | 2.9 | 280 | 8.2 | |
| 82 | 624 | 1800 | 12 | 3 | 1 | 13753.1010 | 4.7 | 1.4 | 280 | | |
| 83 | 625 | 600 | 12 | 3 | 1 | 13753.1011 | 7.2 | 0.9 | 285 | | |
| 84 | 625 | 1800 | 12 | 3 | 1 | 13753.1012 | 7.6 | 1.4 | 280 | | |
| 85 | 626 | 600 | 12 | 3 | 1 | 13753.1013 | 10.2 | 2.1 | 290 | 8.2 | |
| 86 | 626 | 1800 | 12 | 3 | 1 | 13753.1014 | 5.0 | 0.8 | 290 | | |
| 87 | 627 | 600 | 12 | 3 | 1 | 13753.1015 | 0.6 | 0.7 | 300 | | |
| 88 | 627 | 1800 | 12 | 3 | 1 | 13753.1016 | 2.9 | 1.6 | 300 | | |
| 89 | 628 | 600 | 12 | 3 | 1 | 13753.1017 | 3.5 | 1.4 | 300 | 8.3 | |
| 90 | 628 | 1800 | 12 | 3 | 1 | 13753.1018 | 1.9 | 0.6 | 300 | | |
| 91 | 629 | 600 | 12 | 3 | 1 | 13753.1019 | 12.7 | 1.7 | 310 | | |
| 92 | 629 | 1800 | 12 | 3 | 1 | 13753.1020 | 6.8 | 1.5 | 300 | | |
| 93 | 630 | 600 | 12 | 3 | 1 | 13753.1021 | 14.8 | 1.2 | 290 | | |
| 94 | 630 | 1800 | 12 | 3 | 1 | 13753.1022 | 14.8 | 2.7 | 275 | | |
| 95 | 701 | 600 | 12 | 3 | 1 | 13753.1023 | 15.1 | 2.7 | 270 | | |
| 96 | 701 | 1800 | 12 | 3 | 1 | 13753.1024 | 16.8 | 2.1 | 265 | | |
| 97 | 702 | 600 | 12 | 3 | 1 | 13753.1025 | 7.3 | 1.2 | 265 | | |
| 98 | 702 | 1800 | 12 | 3 | 1 | 13753.1026 | 9.5 | 1.6 | 265 | | |
| 99 | 703 | 600 | 12 | 3 | 1 | 13753.1027 | 12.9 | 1.7 | 260 | | |

TABLE 25
WATER QUALITY DATA FOR BUSTER CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 7, 1986 - SEPTEMBER 15, 1986

FOREST:ROCKY/CLEARWATER
CREEK: BUSTER
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: H13 C12 K3 AREA : 5800 HA
LOCATION : 9-6-41-8-W5 LAT/LON: 52 30'/ 115 08'
RATING CURVE: FLOW=.77-3.379*STAGE+3.238*STAGE^2 (MAY 7-JULY 16)
FLOW=.059*STAGE^7.368 (JULY 22-OCT. 15)

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 507 | 1515 | ..... | 1 | 1 | 13776.1 | 1 | 0.956 | 1 | 0.515 | ..... | | | | | 3.1 | 1.1 | 210 | 7.3 |
| 2 | 507 | 1800 | 12 | 3 | 1 | 13778.101 | 1 | 0.960 | ..... | 0.510 | ..... | | | | | 9.1 | 1.1 | 200 | |
| 3 | 508 | 1530 | ..... | 4 | 1 | 13779.1 | 1 | 0.946 | 1 | 0.452 | ..... | | | | | 3.1 | 1.1 | 195 | |
| 4 | 508 | 1800 | 12 | 3 | 1 | 13828.101 | 1 | 0.950 | ..... | 0.482 | ..... | | | | | 4.0 | 0.7 | 195 | |
| 5 | 509 | 600 | 12 | 3 | 1 | 13828.102 | 1 | 0.950 | ..... | 0.482 | ..... | | | | | 4.7 | 1.0 | 190 | |
| 6 | 509 | 1800 | 12 | 3 | 1 | 13828.103 | 1 | 0.958 | ..... | 0.505 | ..... | | | | | 2.2 | 0.9 | 200 | |
| 7 | 510 | 600 | 12 | 3 | 1 | 13828.104 | 2 | 0.974 | ..... | 0.551 | ..... | | | | | 3.7 | 1.0 | 195 | |
| 8 | 510 | 1800 | 12 | 3 | 1 | 13828.105 | 3 | 1.000 | ..... | 0.629 | ..... | | | | | 3.6 | 1.1 | 195 | |
| 9 | 511 | 1800 | 12 | 3 | 1 | 13828.106 | 4 | 0.975 | ..... | 0.554 | ..... | | | | | 3.1 | 1.0 | 195 | |
| 10 | 512 | 1800 | 12 | 3 | 1 | 13828.107 | 4 | 0.945 | ..... | 0.468 | ..... | | | | | 6.3 | 1.3 | 190 | |
| 11 | 513 | 1800 | 12 | 3 | 1 | 13828.108 | 2 | 0.930 | ..... | 0.428 | ..... | | | | | 4.3 | 1.0 | 190 | |
| 12 | 514 | 600 | 12 | 3 | 1 | 13828.109 | 2 | 1.025 | ..... | 0.708 | ..... | | | | | 7.3 | 1.1 | 190 | |
| 13 | 514 | 1800 | 12 | 3 | 1 | 13828.1010 | 4 | 1.040 | ..... | 0.758 | ..... | | | | | 6.1 | 1.0 | 185 | |
| 14 | 515 | 600 | 12 | 3 | 1 | 13828.1011 | 4 | 1.025 | ..... | 0.708 | ..... | | | | | 4.1 | 0.8 | 185 | |
| 15 | 515 | 1800 | 12 | 3 | 1 | 13828.1012 | 2 | 1.060 | ..... | 0.826 | ..... | | | | | 7.0 | 0.8 | 185 | |
| 16 | 516 | 1210 | ..... | 1 | 1 | 13827.1 | 4 | 1.127 | 1 | 1.279 | ..... | | | | | 8.1 | 1.6 | 175 | |
| 17 | 516 | 1400 | 2 | 3 | 1 | 13786.101 | 2 | 1.130 | ..... | 1.086 | ..... | | | | | 7.7 | 1.8 | 180 | 7.5 |
| 18 | 516 | 1600 | 2 | 3 | 1 | 13786.102 | 2 | 1.115 | ..... | 1.028 | ..... | | | | | 12.1 | 1.4 | 180 | |
| 19 | 516 | 1800 | 2 | 3 | 1 | 13786.103 | 2 | 1.205 | ..... | 1.400 | ..... | | | | | 28.1 | 2.8 | 180 | |
| 20 | 516 | 2000 | 2 | 3 | 1 | 13786.104 | 2 | 1.230 | ..... | 1.513 | ..... | | | | | 32.0 | 3.3 | 180 | |
| 21 | 516 | 2200 | 2 | 3 | 1 | 13786.105 | 2 | 1.255 | ..... | 1.629 | ..... | | | | | 31.2 | 4.6 | 175 | 7.4 |
| 22 | 517 | 1530 | ..... | 3 | 1 | 13787.1 | 2 | 1.256 | ..... | 1.634 | ..... | | | | | 18.3 | 2.8 | 180 | |
| 23 | 518 | 600 | 12 | 3 | 1 | 13795.101 | 4 | 1.270 | ..... | 1.701 | ..... | | | | | 18.1 | 1.8 | 170 | |
| 24 | 518 | 1800 | 12 | 3 | 1 | 13795.102 | 4 | 1.245 | ..... | 1.582 | ..... | | | | | 17.6 | 1.8 | 170 | |
| 25 | 519 | 600 | 12 | 3 | 1 | 13795.103 | 4 | 1.230 | ..... | 1.513 | ..... | | | | | 7.2 | 1.7 | 170 | |
| 26 | 519 | 1800 | 12 | 3 | 1 | 13795.104 | 4 | 1.210 | ..... | 1.422 | ..... | | | | | 14.4 | 1.2 | 175 | |
| 27 | 520 | 600 | 12 | 3 | 1 | 13795.105 | 4 | 1.195 | ..... | 1.356 | ..... | | | | | 9.2 | 1.4 | 180 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 520 | 1800 | 12 | 3 | 1 | 13795.106 | 4 | 1.180 | ..... | 1 291 | ..... | 37.3 | 1.5 | 180 | |
| 29 | 521 | 600 | 12 | 3 | 1 | 13795.107 | 4 | 1.160 | ..... | 1.207 | ..... | 14.2 | 0.8 | 180 | |
| 30 | 521 | 1800 | 12 | 3 | 1 | 13795.108 | 2 | 1.225 | ..... | 1.490 | ..... | 19.2 | 1.7 | 180 | 8.0 |
| 31 | 522 | 600 | 12 | 3 | 1 | 13795.109 | 4 | 1.250 | ..... | 1.606 | ..... | 21.9 | 1.5 | 180 | |
| 32 | 522 | 1220 | ..... | 1 | 1 | 13794.1 | 4 | 1.224 | 1 | 1.399 | ..... | 6.9 | 0.7 | | |
| 33 | 522 | 1800 | 12 | 3 | 1 | 13800.101 | 4 | 1.220 | ..... | 1.467 | ..... | 9.5 | 1.6 | 185 | |
| 34 | 523 | 1800 | 12 | 3 | 1 | 13800.102 | 4 | 1.160 | ..... | 1.207 | ..... | 11.6 | 1.7 | 185 | 7.3 |
| 35 | 524 | 600 | 12 | 3 | 1 | 13800.103 | 4 | 1.125 | ..... | 1.067 | ..... | 5.4 | 1.1 | 190 | |
| 36 | 524 | 1800 | 12 | 3 | 1 | 13800.104 | 4 | 1.100 | ..... | 0.971 | ..... | 4.1 | 1.6 | 190 | |
| 37 | 525 | 600 | 12 | 3 | 1 | 13800.105 | 4 | 1.080 | ..... | 0.897 | ..... | 5.1 | 1.8 | 190 | |
| 38 | 525 | 1115 | ..... | 1 | 1 | 13798.1 | 4 | 1.062 | 1 | 0.790 | ..... | 4.4 | 2.4 | 185 | |
| 39 | 525 | 1800 | 12 | 3 | 1 | 13873.101 | 4 | 1.060 | ..... | 0.826 | ..... | 3.0 | 0.7 | 195 | 7.8 |
| 40 | 526 | 600 | 12 | 3 | 1 | 13873.102 | 4 | 1.040 | ..... | 0.758 | ..... | 6.2 | 0.7 | 200 | |
| 41 | 526 | 1800 | 12 | 3 | 1 | 13873.103 | 4 | 1.020 | ..... | 0.692 | ..... | 2.4 | 0.7 | 200 | |
| 42 | 527 | 600 | 12 | 3 | 1 | 13873.104 | 4 | 1.000 | ..... | 0.629 | ..... | 3.2 | 0.5 | 205 | |
| 43 | 527 | 1800 | 12 | 3 | 1 | 13873.105 | 4 | 0.980 | ..... | 0.568 | ..... | 15.9 | 1.8 | 205 | 7.6 |
| 44 | 528 | 600 | 12 | 3 | 1 | 13873.106 | 4 | 0.960 | ..... | 0.510 | ..... | 6.8 | 0.8 | 210 | |
| 45 | 528 | 935 | ..... | 1 | 1 | 13859.1 | 4 | 0.955 | 1 | 0.502 | ..... | 4.1 | 1.6 | 185 | |
| 46 | 528 | 1800 | 12 | 3 | 1 | 13873.107 | 4 | 0.945 | ..... | 0.468 | ..... | 4.1 | 0.8 | 215 | |
| 47 | 529 | 600 | 12 | 3 | 1 | 13873.108 | 4 | 0.930 | ..... | 0.428 | ..... | 4.1 | 1.0 | 220 | |
| 48 | 529 | 1800 | 12 | 3 | 1 | 13873.109 | 4 | 0.915 | ..... | 0.389 | ..... | 4.0 | 1.0 | 220 | 7.9 |
| 49 | 530 | 600 | 12 | 3 | 1 | 13873.1010 | 4 | 0.900 | ..... | 0.352 | ..... | 4.0 | 1.0 | 230 | |
| 50 | 530 | 1800 | 12 | 3 | 1 | 13873.1011 | 1 | 0.880 | ..... | 0.304 | ..... | 3.2 | 1.3 | 230 | |
| 51 | 531 | 600 | 12 | 3 | 1 | 13873.1012 | 4 | 0.900 | ..... | 0.352 | ..... | 4.2 | 1.1 | 240 | |
| 52 | 531 | 1800 | 12 | 3 | 1 | 13873.1013 | 4 | 0.860 | ..... | 0.259 | ..... | 2.9 | 1.4 | 240 | 7.9 |
| 53 | 601 | 600 | 12 | 3 | 1 | 13873.1014 | 4 | 0.830 | ..... | 0.196 | ..... | 5.5 | 1.8 | 250 | |
| 54 | 601 | 1800 | 12 | 3 | 1 | 13873.1015 | 1 | 0.830 | ..... | 0.196 | ..... | 3.7 | 1.5 | 250 | |
| 55 | 602 | 600 | 12 | 3 | 1 | 13873.1016 | 4 | 0.800 | ..... | 0.139 | ..... | 5.3 | 1.8 | 255 | |
| 56 | 602 | 1800 | 12 | 3 | 1 | 13873.1017 | 1 | 0.805 | ..... | 0.148 | ..... | 5.0 | 1.4 | 250 | 7.8 |
| 57 | 603 | 600 | 12 | 3 | 1 | 13873.1018 | 1 | 0.790 | ..... | 0.121 | ..... | 6.7 | 1.9 | 260 | |
| 58 | 603 | 1800 | 12 | 3 | 1 | 13873.1019 | 1 | 0.790 | ..... | 0.121 | ..... | 14.4 | 1.8 | 270 | |
| 59 | 604 | 1800 | 12 | 3 | 1 | 13873.1020 | 1 | 0.770 | ..... | 0.088 | ..... | 7.8 | 1.5 | 275 | |
| 60 | 605 | 600 | 12 | 3 | 1 | 13873.1021 | 1 | 0.770 | ..... | 0.088 | ..... | 18.5 | 2.4 | 250 | 7.7 |
| 61 | 605 | 1800 | 12 | 3 | 1 | 13873.1022 | 1 | 0.770 | ..... | 0.088 | ..... | 26.3 | 2.8 | 250 | |
| 62 | 606 | 600 | 12 | 3 | 1 | 13873.1023 | 1 | 0.770 | ..... | 0.088 | ..... | 27.7 | 2.7 | 250 | |
| 63 | 606 | 1800 | 12 | 3 | 1 | 13873.1024 | 1 | 0.785 | ..... | 0.113 | ..... | 7.3 | 0.6 | 255 | |
| 64 | 607 | 600 | 12 | 3 | 1 | 13873.1025 | 1 | 0.770 | ..... | 0.088 | ..... | 6.2 | 1.7 | 255 | 7.6 |
| 65 | 607 | 1800 | 12 | 3 | 1 | 13873.1026 | 1 | 0.780 | ..... | 0.104 | ..... | 5.1 | 1.4 | 260 | |
| 66 | 608 | 600 | 12 | 3 | 1 | 13873.1027 | 1 | 0.790 | ..... | 0.121 | ..... | 7.1 | 0.9 | 260 | |
| 67 | 608 | 1130 | ..... | 1 | 1 | 13872.1 | 2 | 0.809 | 1 | 0.579 | ..... | 3.0 | 1.0 | 260 | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 608 | 1800 | 12 | 3 | 1 | 13893.101 | 1 | 0.815 | ..... | 0.167 | ..... | | | 5.1 | 0.8 | 245 | 8.1 |
| 69 | 609 | 600 | 12 | 3 | 1 | 13893.102 | 1 | 0.805 | ..... | 0.148 | ..... | | | 3.8 | 0.6 | 250 | |
| 70 | 609 | 1800 | 12 | 3 | 1 | 13893.103 | 1 | 0.800 | ..... | 0.139 | ..... | | | 1.3 | 0.4 | 250 | |
| 71 | 610 | 600 | 12 | 3 | 1 | 13893.104 | 1 | 0.790 | ..... | 0.121 | ..... | | | 2.9 | 0.6 | 255 | |
| 72 | 610 | 1800 | 12 | 3 | 1 | 13893.105 | 1 | 0.785 | ..... | 0.113 | ..... | | | 2.0 | 0.5 | 255 | 8.2 |
| 73 | 611 | 600 | 12 | 3 | 1 | 13893.106 | 1 | 0.770 | ..... | 0.088 | ..... | | | 4.9 | 0.8 | 260 | |
| 74 | 611 | 1800 | 12 | 3 | 1 | 13893.107 | 1 | 0.780 | ..... | 0.104 | ..... | | | 2.7 | 0.6 | 260 | |
| 75 | 612 | 600 | 12 | 3 | 1 | 13893.108 | 1 | 0.778 | ..... | 0.101 | ..... | | | 5.3 | 0.9 | 260 | |
| 76 | 612 | 1800 | 12 | 3 | 1 | 13893.109 | 1 | 0.775 | ..... | 0.096 | ..... | | | 2.0 | 0.7 | 260 | 8.2 |
| 77 | 613 | 600 | 12 | 3 | 1 | 13893.1010 | 1 | 0.780 | ..... | 0.104 | ..... | | | 3.5 | 0.8 | 265 | |
| 78 | 613 | 1800 | 12 | 3 | 1 | 13893.1011 | 1 | 0.770 | ..... | 0.088 | ..... | | | 2.0 | 0.6 | 265 | |
| 79 | 614 | 600 | 12 | 3 | 1 | 13893.1012 | 1 | 0.765 | ..... | 0.080 | ..... | | | 3.0 | 0.8 | 270 | |
| 80 | 614 | 1230 | ..... | 1 | .... | 13879.1 | 1 | 0.761 | 1 | 0.094 | ..... | | | 2.2 | 0.7 | 275 | 7.5 |
| 81 | 614 | 1800 | 12 | 3 | 1 | 13893.1013 | 1 | 0.760 | ..... | 0.072 | ..... | | | 4.7 | 0.8 | 270 | 8.2 |
| 82 | 615 | 600 | 12 | 3 | 1 | 13893.1014 | 1 | 0.760 | ..... | 0.072 | ..... | | | 3.5 | 0.9 | 270 | |
| 83 | 615 | 1800 | 12 | 3 | 1 | 13893.1015 | 1 | 0.792 | ..... | 0.125 | ..... | | | 5.1 | 0.9 | 270 | |
| 84 | 616 | 600 | 12 | 3 | 1 | 13893.1016 | 1 | 0.811 | ..... | 0.159 | ..... | | | 3.5 | 1.0 | 270 | |
| 85 | 616 | 1800 | 12 | 3 | 1 | 13893.1017 | 1 | 0.798 | ..... | 0.136 | ..... | | | 3.9 | 1.0 | 270 | 8.1 |
| 86 | 617 | 600 | 12 | 3 | 1 | 13893.1018 | 1 | 0.790 | ..... | 0.121 | ..... | | | 4.8 | 1.0 | 270 | |
| 87 | 617 | 1800 | 12 | 3 | 1 | 13893.1019 | 1 | 0.788 | ..... | 0.118 | ..... | | | 3.5 | 0.8 | 270 | |
| 88 | 618 | 600 | 12 | 3 | 1 | 13893.1020 | 1 | 0.772 | ..... | 0.091 | ..... | | | 6.4 | 1.1 | 270 | |
| 89 | 618 | 1800 | 12 | 3 | 1 | 13893.1021 | 1 | 0.769 | ..... | 0.086 | ..... | | | 5.9 | 0.9 | 275 | |
| 90 | 619 | 600 | 12 | 3 | 1 | 13893.1022 | 2 | 0.850 | ..... | 0.237 | ..... | | | 8.9 | 1.4 | 270 | |
| 91 | 619 | 1800 | 12 | 3 | 1 | 13893.1023 | 3 | 1.080 | ..... | 0.897 | ..... | | | 10.2 | 1.8 | 250 | 7.7 |
| 92 | 620 | 600 | 12 | 3 | 1 | 13893.1024 | 4 | 1.060 | ..... | 0.826 | ..... | | | 4.9 | 1.1 | 235 | |
| 93 | 620 | 1334 | ..... | 1 | 1 | 13892.1 | 4 | 1.041 | ..... | 0.761 | ..... | | | 3.0 | 0.6 | 235 | |
| 94 | 620 | 1800 | 12 | 3 | 1 | 13902.101 | 4 | 1.032 | ..... | 0.731 | ..... | | | 4.8 | 0.6 | 245 | |
| 95 | 621 | 600 | 12 | 3 | 1 | 13902.102 | 4 | 1.010 | ..... | 0.660 | ..... | | | 5.9 | 1.6 | 240 | |
| 96 | 621 | 1800 | 12 | 3 | 1 | 13902.103 | 4 | 0.984 | ..... | 0.580 | ..... | | | 4.6 | 0.8 | 240 | 7.9 |
| 97 | 622 | 600 | 12 | 3 | 1 | 13902.104 | 4 | 0.960 | ..... | 0.510 | ..... | | | 4.1 | 0.9 | 240 | |
| 98 | 622 | 1800 | 12 | 3 | 1 | 13902.105 | 4 | 0.940 | ..... | 0.455 | ..... | | | 5.0 | 0.7 | 240 | |
| 99 | 623 | 600 | 12 | 3 | 1 | 13902.106 | 4 | 0.928 | ..... | 0.423 | ..... | | | 6.1 | 0.8 | 240 | |
| 100 | 623 | 1800 | 12 | 3 | 1 | 13902.107 | 4 | 0.912 | ..... | 0.382 | ..... | | | 3.9 | 1.5 | 240 | 7.8 |
| 101 | 624 | 600 | 12 | 3 | 1 | 13902.108 | 4 | 0.890 | ..... | 0.328 | ..... | | | 3.4 | 0.8 | 240 | |
| 102 | 624 | 1800 | 12 | 3 | 1 | 13902.109 | 4 | 0.872 | ..... | 0.286 | ..... | | | 3.9 | 0.7 | 240 | |
| 103 | 625 | 600 | 12 | 3 | 1 | 13902.1010 | 1 | 0.895 | ..... | 0.340 | ..... | | | 3.9 | 0.9 | 250 | |
| 104 | 625 | 1800 | 12 | 3 | 1 | 13902.1011 | 1 | 0.895 | ..... | 0.340 | ..... | | | 3.6 | 0.8 | 250 | 7.8 |
| 105 | 626 | 600 | 12 | 3 | 1 | 13902.1012 | 1 | 0.912 | ..... | 0.382 | ..... | | | 6.2 | 1.0 | 250 | |
| 106 | 626 | 1800 | 12 | 3 | 1 | 13902.1013 | 1 | 0.890 | ..... | 0.328 | ..... | | | 3.9 | 1.6 | 250 | |
| 107 | 627 | 600 | 12 | 3 | 1 | 13902.1014 | 1 | 0.872 | ..... | 0.286 | ..... | | | 3.9 | 0.9 | 250 | |

| | | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 728 | 1500 | ..... | 1 | 1 | 14000.1 | 2 | 1.150 | ..... | 1 | 652 | ..... | | 2.2 | 0.8 | 220 | 7.9 |
| 149 | 729 | 1330 | ..... | 1 | 1 | 13946.1 | 2 | 1.253 | ..... | | 3.109 | ..... | | 3.5 | 1.8 | 210 | |
| 150 | 802 | 1200 | ..... | 1 | 1 | 14001.1 | 4 | 1.065 | ..... | | 0.938 | ..... | | 3.5 | 1.5 | 240 | |
| 151 | 810 | 1115 | ..... | 1 | 1 | 13953.1 | 4 | 0.933 | | 1 | 0.405 | ..... | | 3.2 | 2.3 | 255 | |
| 152 | 816 | 935 | ..... | 1 | 1 | 13972.1 | 4 | 0.960 | | 1 | 0.427 | ..... | | 5.6 | 1.6 | 255 | |
| 153 | 818 | 1640 | ..... | 1 | 1 | 13956.1 | 4 | 0.898 | | 1 | 0.203 | ..... | | 1.5 | 0.8 | 265 | |
| 154 | 823 | 1000 | ..... | 1 | 1 | 13976.1 | 1 | 0.810 | | 1 | 0.131 | ..... | | 4.0 | 1.8 | 280 | |
| 155 | 827 | 1330 | ..... | 1 | 1 | 13985.1 | 4 | 0.829 | | 1 | 0.157 | ..... | | 2.2 | 1.5 | 265 | |
| 156 | 915 | 930 | ..... | 1 | 1 | 13834.1 | 4 | 1.017 | | 1 | 0.692 | ..... | | 0.9 | 0.6 | 295 | 7.7 |

TABLE 26
WATER QUALITY DATA FOR CLARK CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 31, 1986 - SEPTEMBER16, 1986

FOREST:ROCKY/CLEARWATER
CREEK: CLARK
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: H13 D18 B8
LOCATION : 12-35-43-18-W5
RATING CURVE: FLOW=9.5*10^-75*STAGE^88.788 (MAY 31 - JULY 15)
FLOW=3.85*10^-65*STAGE^81.848 (AUG. 1 - SEPT. 15)

AREA : 1000 HA
LAT/LON: 52 45'/ 116 31'

| | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 531 | 1800 | 12 | 3 | 1 | 13876.101 | 1 | 6.670 | ..... | 0.141 | ..... | | | | | 114.6 | 6.0 | 115 | 7.3 |
| 2 | 601 | 600 | 12 | 3 | 1 | 13876.102 | 1 | 6.670 | ..... | 0.141 | ..... | | | | | 4.9 | 5.4 | 110 | |
| 3 | 601 | 1800 | 12 | 3 | 1 | 13876.103 | 1 | 6.670 | ..... | 0.141 | ..... | | | | | 5.6 | 5.6 | 115 | |
| 4 | 602 | 600 | 12 | 3 | 1 | 13876.104 | 1 | 6.665 | ..... | 0.132 | ..... | | | | | 5.3 | 5.3 | 115 | |
| 5 | 602 | 1800 | 12 | 3 | 1 | 13876.105 | 1 | 6.660 | ..... | 0.124 | ..... | | | | | 2.9 | 4.9 | 115 | 7.4 |
| 6 | 603 | 600 | 12 | 3 | 1 | 13876.106 | 1 | 6.660 | ..... | 0.124 | ..... | | | | | 6.1 | 4.9 | 110 | |
| 7 | 603 | 1800 | 12 | 3 | 1 | 13876.107 | 1 | 6.655 | ..... | 0.116 | ..... | | | | | 3.5 | 4.6 | 115 | |
| 8 | 604 | 600 | 12 | 3 | 1 | 13876.108 | 1 | 6.655 | ..... | 0.116 | ..... | | | | | 2.7 | 4.6 | 115 | |
| 9 | 604 | 1800 | 12 | 3 | 1 | 13876.109 | 1 | 6.650 | ..... | 0.108 | ..... | | | | | 3.5 | 4.7 | 115 | 7.5 |
| 10 | 605 | 600 | 12 | 3 | 1 | 13876.1010 | 1 | 6.650 | ..... | 0.108 | ..... | | | | | 2.9 | 4.7 | 115 | |
| 11 | 605 | 1800 | 12 | 3 | 1 | 13876.1011 | 1 | 6.650 | ..... | 0.108 | ..... | | | | | 3.1 | 4.6 | 115 | |
| 12 | 606 | 600 | 12 | 3 | 1 | 13876.1012 | 1 | 6.647 | ..... | 0.104 | ..... | | | | | 3.7 | 4.6 | 115 | |
| 13 | 606 | 1800 | 12 | 3 | 1 | 13876.1013 | 1 | 6.652 | ..... | 0.111 | ..... | | | | | 5.1 | 5.1 | 115 | 7.4 |
| 14 | 607 | 600 | 12 | 3 | 1 | 13876.1014 | 1 | 6.652 | ..... | 0.111 | ..... | | | | | 2.4 | 5.1 | 110 | |
| 15 | 607 | 1800 | 12 | 3 | 1 | 13876.1015 | 1 | 6.650 | ..... | 0.108 | ..... | | | | | 1.9 | 5.2 | 110 | |
| 16 | 608 | 600 | 12 | 3 | 1 | 13876.1016 | 1 | 6.650 | ..... | 0.108 | ..... | | | | | 2.2 | 7.8 | 115 | |
| 17 | 608 | 1800 | 12 | 3 | 1 | 13876.1017 | 1 | 6.645 | ..... | 0.101 | ..... | | | | | 0.7 | 5.4 | 120 | 7.4 |
| 18 | 609 | 600 | 12 | 3 | 1 | 13876.1018 | 1 | 6.640 | ..... | 0.095 | ..... | | | | | 3.0 | 5.0 | 120 | |
| 19 | 609 | 1800 | 12 | 3 | 1 | 13876.1019 | 1 | 6.635 | ..... | 0.089 | ..... | | | | | 2.4 | 5.1 | 120 | |
| 20 | 610 | 600 | 12 | 3 | 1 | 13876.1020 | 1 | 6.632 | ..... | 0.085 | ..... | | | | | 1.5 | 5.0 | 120 | |
| 21 | 610 | 1130 | ..... | 1 | 1 | 13878.1 | 1 | 6.630 | 1 | 0.083 | ..... | | | | | 0.9 | 3.2 | 125 | 7.3 |
| 22 | 610 | 1800 | 12 | 3 | 1 | 13895.101 | 1 | 6.630 | ..... | 0.083 | ..... | | | | | 2.6 | 3.9 | 150 | 7.1 |
| 23 | 611 | 600 | 12 | 3 | 1 | 13895.102 | 1 | 6.630 | ..... | 0.083 | ..... | | | | | 2.0 | 4.1 | 135 | |
| 24 | 611 | 1800 | 12 | 3 | 1 | 13895.103 | 4 | 6.665 | ..... | 0.132 | ..... | | | | | 4.1 | 5.3 | 130 | |
| 25 | 612 | 600 | 12 | 3 | 1 | 13895.104 | 1 | 6.655 | ..... | 0.116 | ..... | | | | | 3.0 | 5.2 | 130 | |
| 26 | 612 | 1800 | 12 | 3 | 1 | 13895.105 | 1 | 6.650 | ..... | 0.108 | ..... | | | | | 2.4 | 5.0 | 135 | 7.5 |
| 27 | 613 | 600 | 12 | 3 | 1 | 13895.106 | 1 | 6.648 | ..... | 0.105 | ..... | | | | | 1.5 | 4.5 | 135 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 613 | 1800 | 12 | 3 | 1 | 13895.107 | 1 | 6.645 | ..... | 0.101 | ..... | 2.8 | 4.6 | 135 | | | |
| 29 | 614 | 600 | 12 | 3 | 1 | 13895.108 | 1 | 6.641 | ..... | 0.096 | ..... | 1.2 | 4.1 | 135 | | | |
| 30 | 614 | 1800 | 12 | 3 | 1 | 13895.109 | 1 | 6.640 | ..... | 0.095 | ..... | 1.9 | 4.3 | 135 | 7.4 | | |
| 31 | 615 | 600 | 12 | 3 | 1 | 13895.1010 | 3 | 6.680 | ..... | 0.161 | ..... | 3.8 | 5.5 | 130 | | | |
| 32 | 615 | 1300 | ..... | 1 | 1 | 13883.1 | 4 | 6.666 | 1 | 0.136 | ..... | 2.2 | 5.5 | 125 | | | |
| 33 | 615 | 1800 | 12 | 3 | 1 | 13895.1011 | 4 | 6.668 | ..... | 0.138 | ..... | 1.9 | 5.3 | 130 | | | |
| 34 | 616 | 600 | 12 | 3 | 1 | 13895.1012 | 1 | 6.662 | ..... | 0.127 | ..... | 3.2 | 5.5 | 130 | | | |
| 35 | 616 | 1800 | 12 | 3 | 1 | 13895.1013 | 1 | 6.660 | ..... | 0.124 | ..... | 0.9 | 5.4 | 130 | 7.5 | | |
| 36 | 617 | 600 | 12 | 3 | 1 | 13895.1014 | 1 | 6.658 | ..... | 0.120 | ..... | 1.4 | 5.4 | 130 | | | |
| 37 | 617 | 1800 | 12 | 3 | 1 | 13895.1015 | 1 | 6.650 | ..... | 0.108 | ..... | 1.4 | 5.1 | 135 | | | |
| 38 | 618 | 600 | 12 | 3 | 1 | 13895.1016 | 1 | 6.655 | ..... | 0.116 | ..... | 0.8 | 5.0 | 135 | | | |
| 39 | 618 | 1800 | 12 | 3 | 1 | 13895.1017 | 1 | 6.650 | ..... | 0.108 | ..... | 1.6 | 5.6 | 150 | 7.5 | | |
| 40 | 619 | 600 | 12 | 3 | 1 | 13895.1018 | 2 | 6.690 | ..... | 0.184 | ..... | 6.4 | 5.6 | 130 | | | |
| 41 | 619 | 1800 | 12 | 3 | 1 | 13895.1019 | 4 | 6.680 | ..... | 0.161 | ..... | 5.7 | 7.7 | 125 | | | |
| 42 | 620 | 600 | 12 | 3 | 1 | 13895.1020 | 1 | 6.680 | ..... | 0.161 | ..... | 7.2 | 7.0 | 125 | | | |
| 43 | 620 | 1800 | 12 | 3 | 1 | 13895.1021 | 1 | 6.675 | ..... | 0.151 | ..... | 2.8 | 5.9 | 125 | | | |
| 44 | 621 | 600 | 12 | 3 | 1 | 13895.1022 | 1 | 6.675 | ..... | 0.151 | ..... | 4.8 | 5.8 | 125 | 7.4 | | |
| 45 | 621 | 1100 | ..... | 1 | 1 | 13894.1 | 1 | 6.668 | ..... | 0.138 | ..... | 1.0 | 5.9 | 125 | | | |
| 46 | 621 | 1800 | 12 | 3 | 1 | 13903.101 | 1 | 6.670 | ..... | 0.141 | ..... | 4.4 | 6.8 | 125 | 7.6 | | |
| 47 | 622 | 600 | 12 | 3 | 1 | 13903.102 | 1 | 6.670 | ..... | 0.141 | ..... | 3.3 | 5.7 | 125 | | | |
| 48 | 622 | 1800 | 12 | 3 | 1 | 13903.103 | 1 | 6.670 | ..... | 0.141 | ..... | 5.1 | 5.4 | 125 | | | |
| 49 | 623 | 600 | 12 | 3 | 1 | 13903.104 | 1 | 6.668 | ..... | 0.138 | ..... | 2.6 | 5.2 | 125 | | | |
| 50 | 623 | 1800 | 12 | 3 | 1 | 13903.105 | 1 | 6.660 | ..... | 0.124 | ..... | 3.4 | 5.3 | 130 | 7.6 | | |
| 51 | 624 | 600 | 12 | 3 | 1 | 13903.106 | 1 | 6.660 | ..... | 0.124 | ..... | 3.0 | 5.1 | 130 | | | |
| 52 | 624 | 1800 | 12 | 3 | 1 | 13903.107 | 1 | 6.655 | ..... | 0.116 | ..... | 3.0 | 4.7 | 130 | | | |
| 53 | 625 | 600 | 12 | 3 | 1 | 13903.108 | 1 | 6.655 | ..... | 0.116 | ..... | 3.1 | 4.9 | 130 | | | |
| 54 | 625 | 1800 | 12 | 3 | 1 | 13903.109 | 1 | 6.650 | ..... | 0.108 | ..... | 3.0 | 5.0 | 130 | 7.6 | | |
| 55 | 626 | 600 | 12 | 3 | 1 | 13903.1010 | 1 | 6.650 | ..... | 0.108 | ..... | 2.4 | 4.9 | 130 | | | |
| 56 | 626 | 1800 | 12 | 3 | 1 | 13903.1011 | 1 | 6.640 | ..... | 0.095 | ..... | 2.1 | 4.5 | 130 | | | |
| 57 | 627 | 600 | 12 | 3 | 1 | 13903.1012 | 1 | 6.640 | ..... | 0.095 | ..... | 1.6 | 4.3 | 130 | | | |
| 58 | 627 | 1800 | 12 | 3 | 1 | 13903.1013 | 1 | 6.636 | ..... | 0.090 | ..... | 2.8 | 4.7 | 130 | 7.6 | | |
| 59 | 628 | 600 | 12 | 3 | 1 | 13903.1014 | 1 | 6.632 | ..... | 0.085 | ..... | 1.4 | 4.3 | 130 | | | |
| 60 | 628 | 1800 | 12 | 3 | 1 | 13903.1015 | 3 | 6.720 | ..... | 0.274 | ..... | 5.8 | 4.6 | 130 | | | |
| 61 | 629 | 600 | 12 | 3 | 1 | 13903.1016 | 4 | 6.685 | ..... | 0.173 | ..... | 7.7 | 16.0 | 115 | | | |
| 62 | 629 | 1250 | ..... | 3 | 1 | 13904.1 | 2 | 6.745 | ..... | 0.381 | ..... | 308.5 | 130.0 | 150 | 6.8 | | |
| 63 | 629 | 1400 | 2 | 3 | 1 | 13914.101 | 2 | 6.800 | ..... | 0.784 | ..... | 290.1 | 91.0 | 110 | 6.7 | | |
| 64 | 629 | 1600 | 2 | 3 | 1 | 13914.102 | 2 | 6.850 | ..... | 1.503 | ..... | | 130.0 | 105 | | | |
| 65 | 629 | 1800 | 2 | 3 | 1 | 13914.103 | 3 | 6.860 | ..... | 1.711 | ..... | | 120.0 | 100 | | | |
| 66 | 629 | 2000 | 2 | 3 | 1 | 13914.104 | 3 | 6.860 | ..... | 1.711 | ..... | | 88.0 | 95 | | | |
| 67 | 629 | 2200 | 2 | 3 | 1 | 13914.105 | 4 | 6.840 | ..... | 1.320 | ..... | | 47.0 | 90 | 6.9 | | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 629 | 2400 | 2 | 3 | 1 | 13914.106 | 4 | 6.820 | ..... | 1.018 | ..... | | | 62.0 | 90 | | |
| 69 | 630 | 200 | 2 | 3 | 1 | 13914.107 | 4 | 6.805 | ..... | 0.837 | ..... | 122.6 | | 42.0 | 90 | | |
| 70 | 630 | 400 | 2 | 3 | 1 | 13914.108 | 4 | 6.800 | ..... | 0.784 | ..... | 177.7 | | 40.0 | 90 | | |
| 71 | 630 | 600 | 2 | 3 | 1 | 13914.109 | 4 | 6.795 | ..... | 0.735 | ..... | 96.1 | | 38.0 | 90 | 6.9 | |
| 72 | 630 | 800 | 2 | 3 | 1 | 13914.1010 | 4 | 6.795 | ..... | 0.735 | ..... | 54.3 | | 33.0 | 95 | | |
| 73 | 630 | 1000 | 2 | 3 | 1 | 13914.1011 | 4 | 6.790 | ..... | 0.688 | ..... | 37.7 | | 29.0 | 95 | | |
| 74 | 630 | 1200 | 2 | 3 | 1 | 13914.1012 | 4 | 6.790 | ..... | 0.688 | ..... | 31.8 | | 28.0 | 95 | | |
| 75 | 630 | 1400 | 2 | 3 | 1 | 13914.1013 | 4 | 6.790 | ..... | 0.688 | ..... | 25.7 | | 29.0 | 95 | 7.2 | |
| 76 | 630 | 1600 | 2 | 3 | 1 | 13914.1014 | 4 | 6.790 | ..... | 0.688 | ..... | 31.7 | | 28.0 | 95 | | |
| 77 | 630 | 1800 | 2 | 3 | 1 | 13914.1015 | 4 | 6.788 | ..... | 0.671 | ..... | 25.7 | | 26.0 | 95 | | |
| 78 | 630 | 2000 | 2 | 3 | 1 | 13914.1016 | 4 | 6.785 | ..... | 0.645 | ..... | 29.2 | | 29.0 | 95 | | |
| 79 | 630 | 2200 | 2 | 3 | 1 | 13914.1017 | 4 | 6.782 | ..... | 0.620 | ..... | 27.8 | | 27.0 | 95 | 7.2 | |
| 80 | 630 | 2400 | 2 | 3 | 1 | 13914.1018 | 4 | 6.780 | ..... | 0.604 | ..... | 29.1 | | 26.0 | 95 | | |
| 81 | 701 | 200 | 2 | 3 | 1 | 13914.1019 | 4 | 6.780 | ..... | 0.604 | ..... | 22.1 | | 28.0 | 95 | | |
| 82 | 701 | 400 | 2 | 3 | 1 | 13914.1020 | 4 | 6.780 | ..... | 0.604 | ..... | 21.6 | | 25.0 | 95 | | |
| 83 | 701 | 600 | 2 | 3 | 1 | 13914.1021 | 4 | 6.775 | ..... | 0.566 | ..... | 18.4 | | 23.0 | 95 | | |
| 84 | 701 | 800 | 2 | 3 | 1 | 13914.1022 | 4 | 6.775 | ..... | 0.566 | ..... | 13.8 | | 24.0 | 100 | | |
| 85 | 701 | 1000 | 2 | 3 | 1 | 13914.1023 | 4 | 6.772 | ..... | 0.544 | ..... | 18.6 | | 23.0 | 95 | | |
| 86 | 701 | 1200 | 2 | 3 | 1 | 13914.1024 | 4 | 6.770 | ..... | 0.530 | ..... | 24.1 | | 26.0 | 100 | 7.3 | |
| 87 | 703 | 930 | ..... | 1 | 1 | 13913.1 | 1 | 6.733 | 1 | 0.326 | ..... | 8.8 | | 14.0 | 100 | 7.1 | |
| 88 | 703 | 1800 | 12 | 3 | 1 | 13925.101 | 1 | 6.739 | ..... | 0.352 | ..... | 16.3 | | 13.0 | 110 | | |
| 89 | 704 | 600 | 12 | 3 | 1 | 13925.102 | 1 | 6.735 | ..... | 0.334 | ..... | 10.0 | | 12.0 | 110 | | |
| 90 | 704 | 1800 | 12 | 3 | 1 | 13925.103 | 1 | 6.740 | ..... | 0.357 | ..... | 16.7 | | 13.0 | 105 | 7.3 | |
| 91 | 705 | 600 | 12 | 3 | 1 | 13925.104 | 1 | 6.770 | ..... | 0.530 | ..... | 25.1 | | 18.0 | 100 | | |
| 92 | 705 | 1800 | 12 | 3 | 1 | 13925.105 | 1 | 6.772 | ..... | 0.544 | ..... | 18.6 | | 15.0 | 100 | | |
| 93 | 706 | 600 | 12 | 3 | 1 | 13925.106 | 1 | 6.770 | ..... | 0.530 | ..... | 18.8 | | 17.0 | 100 | | |
| 94 | 706 | 1800 | 12 | 3 | 1 | 13925.107 | 1 | 6.770 | ..... | 0.530 | ..... | 21.2 | | 19.0 | 100 | 7.3 | |
| 95 | 707 | 600 | 12 | 3 | 1 | 13925.108 | 1 | 6.770 | ..... | 0.530 | ..... | 17.1 | | 43.0 | 100 | | |
| 96 | 707 | 1800 | 12 | 3 | 1 | 13925.109 | 1 | 6.765 | ..... | 0.496 | ..... | 19.1 | | 17.0 | 100 | | |
| 97 | 708 | 600 | 12 | 3 | 1 | 13925.1010 | 1 | 6.760 | ..... | 0.465 | ..... | 12.4 | | 15.0 | 100 | | |
| 98 | 708 | 930 | ..... | 1 | 1 | 13924.1 | 1 | 6.759 | ..... | 0.458 | ..... | 8.5 | | 13.0 | 100 | 7.3 | |
| 99 | 708 | 1800 | 12 | 3 | 1 | 13950.101 | 1 | 6.750 | ..... | 0.407 | ..... | 15.3 | | 15.0 | 115 | 7.4 | |
| 100 | 709 | 600 | 12 | 3 | 1 | 13950.102 | 1 | 6.740 | ..... | 0.357 | ..... | 4.5 | | 10.0 | 110 | | |
| 101 | 709 | 1800 | 12 | 3 | 1 | 13950.103 | 1 | 6.740 | ..... | 0.357 | ..... | 9.3 | | 11.0 | 110 | | |
| 102 | 710 | 600 | 12 | 3 | 1 | 13950.104 | 1 | 6.732 | ..... | 0.321 | ..... | 7.1 | | 12.0 | 110 | | |
| 103 | 710 | 1800 | 12 | 3 | 1 | 13950.105 | 1 | 6.725 | ..... | 0.293 | ..... | 5.4 | | 10.0 | 130 | 7.4 | |
| 104 | 711 | 600 | 12 | 3 | 1 | 13950.106 | 1 | 6.720 | ..... | 0.274 | ..... | 4.9 | | 7.1 | 115 | | |
| 105 | 711 | 1800 | 12 | 3 | 1 | 13950.107 | 1 | 6.715 | ..... | 0.257 | ..... | 4.5 | | 7.4 | 115 | | |
| 106 | 712 | 600 | 12 | 3 | 1 | 13950.108 | 1 | 6.715 | ..... | 0.257 | ..... | 4.1 | | 6.8 | 115 | | |
| 107 | 712 | 1800 | 12 | 3 | 1 | 13950.109 | 1 | 6.710 | ..... | 0.240 | ..... | 4.5 | | 7.7 | 115 | 7.4 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 713 | 600 | 12 | 3 | 1 | 13950.1010 | 1 | 6.710 | ..... | 0.240 | ..... | | | 3.9 | 6.9 | 115 | |
| 109 | 713 | 1100 | ..... | 1 | 1 | 13934.1 | 1 | 6.704 | ..... | 0.222 | ..... | | | 4.1 | 0.7 | 110 | |
| 110 | 713 | 1800 | 12 | 3 | 1 | 13950.1011 | 1 | 6.705 | ..... | 0.225 | ..... | | | 13.4 | 13.0 | 120 | |
| 111 | 714 | 600 | 12 | 3 | 1 | 13950.1012 | 1 | 6.700 | ..... | 0.211 | ..... | | | 4.9 | 7.9 | 120 | |
| 112 | 714 | 1800 | 12 | 3 | 1 | 13950.1013 | 1 | 6.695 | ..... | 0.197 | ..... | | | 7.5 | 7.5 | 120 | 7.5 |
| 113 | 715 | 600 | 12 | 3 | 1 | 13950.1014 | 4 | 6.730 | .. .. | 0.313 | ..... | | | 6.2 | 8.7 | 115 | |
| 114 | 715 | 1800 | 12 | 3 | 1 | 13950.1015 | 1 | 6.730 | ..... | 0.313 | ..... | | | 11.4 | 9.8 | 110 | |
| 115 | 716 | 600 | 12 | 3 | 1 | 13950.1016 | ..... | | | | | | | 175.8 | 60.0 | 105 | |
| 116 | 716 | 1800 | 12 | 3 | 1 | 13950.1017 | ..... | | | | | | | 665.9 | 290.0 | 80 | 7.1 |
| 117 | 717 | 600 | 12 | 3 | 1 | 13950.1018 | ..... | | | | | | | 759.3 | 280.0 | 75 | |
| 118 | 717 | 1800 | 12 | 3 | 1 | 13950.1019 | ..... | | | | | | | 1024.0 | 300.0 | 65 | |
| 119 | 718 | 600 | 12 | 3 | 1 | 13950.1020 | ..... | | | | | | | 646.7 | 200.0 | 70 | |
| 120 | 718 | 1800 | 12 | 3 | 1 | 13950.1021 | ..... | | | | | | | 314.6 | 95.0 | 65 | 7.3 |
| 121 | 719 | 600 | 12 | 3 | 1 | 13950.1022 | ..... | | | | | | | 170.7 | 63.0 | 65 | |
| 122 | 719 | 1800 | 12 | 3 | 1 | 13950.1023 | ..... | | | | | | | 87.4 | 38.0 | 70 | |
| 123 | 720 | 600 | 12 | 3 | 1 | 13950.1024 | ..... | | | | | | | 46.0 | 22.0 | 80 | |
| 124 | 720 | 1800 | 12 | 3 | 1 | 13950.1025 | ..... | | | | | | | 50.8 | 23.0 | 75 | |
| 125 | 721 | 600 | 12 | 3 | 1 | 13950.1026 | ..... | | | | | | | 107.3 | 21.0 | 80 | 7.4 |
| 126 | 721 | 1800 | 12 | 3 | 1 | 13950.1027 | ..... | | | | | | | 35.7 | 17.0 | 80 | |
| 127 | 722 | 600 | 12 | 3 | 1 | 13950.1028 | ..... | | | | | | | 29.3 | 13.0 | 90 | |
| 128 | 731 | 1400 | ..... | 1 | 1 | 13951.1 | 1 | 6.065 | 1 | 0.425 | ..... | | | 2.8 | 8.8 | 100 | |
| 129 | 731 | 1800 | 12 | 3 | 1 | 13967.101 | 1 | 6.060 | ..... | 0.426 | ..... | | | 9.2 | 8.0 | 100 | 7.7 |
| 130 | 801 | 600 | 12 | 3 | 1 | 13967.102 | 1 | 6.055 | ..... | 0.398 | ..... | | | 5.1 | 8.1 | 95 | |
| 131 | 801 | 1800 | 12 | 3 | 1 | 13967.103 | 1 | 6.040 | ..... | 0.325 | ..... | | | 1.7 | 6.8 | 100 | |
| 132 | 802 | 600 | 12 | 3 | 1 | 13967.104 | 1 | 6.032 | ..... | 0.292 | ..... | | | 3.2 | 7.2 | 105 | |
| 133 | 802 | 1800 | 12 | 3 | 1 | 13967.105 | 1 | 6.022 | ..... | 0.254 | ..... | | | 4.4 | 6.9 | 105 | 7.8 |
| 134 | 803 | 600 | 12 | 3 | 1 | 13967.106 | 1 | 6.016 | ..... | 0.235 | ..... | | | 7.2 | 8.9 | 110 | |
| 135 | 803 | 1800 | 12 | 3 | 1 | 13967.107 | 1 | 6.015 | ..... | 0.231 | ..... | | | 4.3 | 6.5 | 105 | |
| 136 | 804 | 600 | 12 | 3 | 1 | 13967.108 | 1 | 6.010 | ..... | 0.216 | ..... | | | 3.4 | 6.6 | 105 | |
| 137 | 804 | 1800 | 12 | 3 | 1 | 13967.109 | 1 | 6.000 | ..... | 0.189 | ..... | | | 2.0 | 6.9 | 110 | 7.8 |
| 138 | 805 | 600 | 12 | 3 | 1 | 13967.1010 | 1 | 5.995 | ..... | 0.176 | ..... | | | 2.2 | 6.0 | 100 | |
| 139 | 805 | 1800 | 12 | 3 | 1 | 13967.1011 | 1 | 5.995 | ..... | 0.176 | ..... | | | 2.0 | 5.8 | 110 | |
| 140 | 806 | 600 | 12 | 3 | 1 | 13967.1012 | 1 | 5.995 | ..... | 0.176 | ..... | | | 4.1 | 7.3 | 110 | |
| 141 | 806 | 1800 | 12 | 3 | 1 | 13967.1013 | 1 | 5.990 | ..... | 0.165 | ..... | | | 5.8 | 7.0 | 105 | 7.8 |
| 142 | 807 | 600 | 12 | 3 | 1 | 13967.1014 | 1 | 5.988 | ..... | 0.160 | ..... | | | 3.5 | 6.4 | 110 | |
| 143 | 807 | 1800 | 12 | 3 | 1 | 13967.1015 | 1 | 5.980 | ..... | 0.144 | ..... | | | 4.8 | 6.5 | 115 | |
| 144 | 808 | 600 | 12 | 3 | 1 | 13967.1016 | 1 | 5.980 | ..... | 0.144 | ..... | | | 1.7 | 5.7 | 120 | |
| 145 | 808 | 1800 | 12 | 3 | 1 | 13967.1017 | 1 | 5.975 | ..... | 0.134 | ..... | | | 4.6 | 6.2 | 120 | 7.8 |
| 146 | 809 | 600 | 12 | 3 | 1 | 13967.1018 | 1 | 5.975 | ..... | 0.134 | ..... | | | 6.9 | 6.0 | 120 | |
| 147 | 809 | 1430 | ..... | 1 | .... | 13964.1 | 1 | 5.975 | 1 | 0.265 | ..... | | | 0.0 | 6.5 | 120 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 809 | 1800 | 12 | 3 | 1 | 13967.1019 | 1 | 5.970 | ..... | 0.125 | ..... | ..... | 3.7 | 5.4 | 120 | |
| 149 | 810 | 600 | 12 | 3 | 1 | 13967.1020 | 1 | 5.970 | ..... | 0.125 | ..... | ..... | 4.3 | 5.8 | 120 | |
| 150 | 810 | 1800 | 12 | 3 | 1 | 13967.1021 | 1 | 5.965 | ..... | 0.117 | ..... | ..... | 2.1 | 6.2 | 120 | 7.8 |
| 151 | 811 | 600 | 12 | 3 | 1 | 13967.1022 | 1 | 5.963 | ..... | 0.114 | ..... | ..... | 3.9 | 5.5 | 125 | |
| 152 | 811 | 1800 | 12 | 3 | 1 | 13967.1023 | 1 | 5.960 | ..... | 0.109 | ..... | ..... | 4.3 | 5.0 | 125 | |
| 153 | 812 | 600 | 12 | 3 | 1 | 13967.1024 | 1 | 5.960 | ..... | 0.109 | ..... | ..... | 2.9 | 5.3 | 130 | |
| 154 | 812 | 1800 | 12 | 3 | 1 | 13967.1025 | 1 | 5.965 | ..... | 0.117 | ..... | ..... | 4.1 | 8.1 | 125 | 7.7 |
| 155 | 813 | 600 | 12 | 3 | 1 | 13967.1026 | 1 | 5.960 | ..... | 0.109 | ..... | ..... | 3.4 | 5.3 | 125 | |
| 156 | 813 | 1800 | 12 | 3 | 1 | 13967.1027 | 1 | 5.955 | ..... | 0.102 | ..... | ..... | 3.8 | 5.4 | 130 | |
| 157 | 814 | 600 | 12 | 3 | 1 | 13967.1028 | 1 | 5.955 | ..... | 0.102 | ..... | ..... | 2.5 | 4.7 | 130 | |
| 158 | 814 | 1145 | ..... | 1 | 1 | 13968.1 | 1 | 5.948 | 1 | 0.100 | ..... | ..... | 1.4 | 4.4 | 130 | 7.1 |
| 159 | 814 | 1800 | 12 | 3 | 1 | 13981.101 | 1 | 5.950 | ..... | 0.095 | ..... | ..... | 7.0 | 4.2 | 135 | 8.0 |
| 160 | 815 | 600 | 12 | 3 | 1 | 13981.102 | 1 | 5.950 | ..... | 0.095 | ..... | ..... | 5.2 | 4.2 | 135 | |
| 161 | 815 | 1800 | 12 | 3 | 1 | 13981.103 | 1 | 5.948 | ..... | 0.093 | ..... | ..... | 6.3 | 3.9 | 140 | |
| 162 | 816 | 600 | 12 | 3 | 1 | 13981.104 | 1 | 5.945 | ..... | 0.089 | ..... | ..... | 3.8 | 4.0 | 140 | |
| 163 | 816 | 1800 | 12 | 3 | 1 | 13981.105 | 1 | 5.942 | ..... | 0.085 | ..... | ..... | 5.8 | 5.6 | 140 | 7.9 |
| 164 | 817 | 600 | 12 | 3 | 1 | 13981.106 | 1 | 5.940 | ..... | 0.083 | ..... | ..... | 3.8 | 3.7 | 140 | |
| 165 | 817 | 1800 | 12 | 3 | 1 | 13981.107 | 1 | 5.940 | ..... | 0.083 | ..... | ..... | 2.9 | 3.3 | 145 | |
| 166 | 818 | 600 | 12 | 3 | 1 | 13981.108 | 1 | 5.940 | ..... | 0.083 | ..... | ..... | 2.7 | 3.5 | 145 | |
| 167 | 818 | 1800 | 12 | 3 | 1 | 13981.109 | 1 | 5.93[illegible] | ..... | 0.081 | ..... | ..... | 4.1 | 3.7 | 145 | 7.9 |
| 168 | 819 | 600 | 12 | 3 | 1 | 13981.1010 | 1 | 5.935 | ..... | 0.077 | ..... | ..... | 2.9 | 3.0 | 145 | |
| 169 | 819 | 1145 | ..... | 1 | 1 | 13973.1 | 1 | 5.930 | 1 | 0.076 | ..... | ..... | 0.2 | 3.2 | 140 | 7.6 |
| 170 | 819 | 1800 | 12 | 3 | 1 | 13981.1011 | 1 | 5.935 | ..... | 0.077 | ..... | ..... | 5.8 | 3.7 | 145 | |
| 171 | 820 | 600 | 12 | 3 | 1 | 13981.1012 | 1 | 5.932 | ..... | 0.074 | ..... | ..... | 5.4 | 4.4 | 150 | |
| 172 | 820 | 1800 | 12 | 3 | 1 | 13981.1013 | 1 | 5.930 | ..... | 0.072 | ..... | ..... | 5.1 | 4.0 | 150 | 7.8 |
| 173 | 821 | 600 | 12 | 3 | 1 | 13981.1014 | 1 | 5.930 | ..... | 0.072 | ..... | ..... | 5.6 | 4.0 | 150 | |
| 174 | 821 | 1800 | 12 | 3 | 1 | 13981.1015 | 1 | 5.930 | ..... | 0.072 | ..... | ..... | 5.5 | 2.9 | 150 | |
| 175 | 822 | 600 | 12 | 3 | 1 | 13981.1016 | 1 | 5.930 | ..... | 0.072 | ..... | ..... | 5.7 | 3.8 | 150 | |
| 176 | 822 | 1800 | 12 | 3 | 1 | 13981.1017 | 1 | 5.928 | ..... | 0.070 | ..... | ..... | 6.7 | 2.4 | 150 | 7.9 |
| 177 | 823 | 600 | 12 | 3 | 1 | 13981.1018 | 1 | 5.928 | ..... | 0.070 | ..... | ..... | 2.5 | 2.7 | 155 | |
| 178 | 823 | 1800 | 12 | 3 | 1 | 13981.1019 | 1 | 5.928 | ..... | 0.070 | ..... | ..... | 2.9 | 2.3 | 155 | |
| 179 | 824 | 600 | 12 | 3 | 1 | 13981.1020 | 1 | 5.926 | ..... | 0.068 | ..... | ..... | 4.6 | 2.0 | 155 | |
| 180 | 824 | 1340 | ..... | 1 | 1 | 13982.1 | 1 | 5.913 | 1 | 0.053 | ..... | ..... | 1.3 | 2.2 | 150 | |
| 181 | 824 | 1800 | 12 | 3 | 1 | 13995.101 | 1 | 5.925 | ..... | 0.067 | ..... | ..... | 3.8 | 2.7 | 155 | 7.8 |
| 182 | 825 | 600 | 12 | 3 | 1 | 13995.102 | 1 | 5.930 | ..... | 0.072 | ..... | ..... | 2.7 | 2.3 | 155 | |
| 183 | 825 | 1800 | 12 | 3 | 1 | 13995.103 | 1 | 5.930 | ..... | 0.072 | ..... | ..... | 2.2 | 2.2 | 155 | |
| 184 | 826 | 600 | 12 | 3 | 1 | 13995.104 | 1 | 5.928 | ..... | 0.070 | ..... | ..... | 2.7 | 2.1 | 155 | |
| 185 | 826 | 1800 | 12 | 3 | 1 | 13995.105 | 1 | 5.925 | ..... | 0.067 | ..... | ..... | 4.3 | 2.2 | 160 | 7.8 |
| 186 | 827 | 600 | 12 | 3 | 1 | 13995.106 | 1 | 5.925 | ..... | 0.067 | ..... | ..... | 2.7 | 1.9 | 160 | |
| 187 | 827 | 1800 | 12 | 3 | 1 | 13995.107 | 1 | 5.922 | ..... | 0.065 | ..... | ..... | 2.7 | 2.0 | 160 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 828 | 600 | 12 | 3 | 1 | 13995.108 | 1 | 5.920 | ..... | 0.063 | ..... | 1.2 | 1.4 | 160 | |
| 189 | 828 | 1800 | 12 | 3 | 1 | 13995.109 | 1 | 5.920 | ..... | 0.063 | ..... | 1.4 | 1.8 | 160 | 7.9 |
| 190 | 829 | 600 | 12 | 3 | 1 | 13995.1010 | 1 | 5.920 | ..... | 0.063 | ..... | 2.2 | 2.0 | 165 | |
| 191 | 829 | 930 | ..... | 1 | 1 | 13986.1 | 1 | 5.905 | ..... | 0.051 | ..... | 0.4 | 2.0 | 160 | |
| 192 | 829 | 1800 | 12 | 3 | 1 | 13995.1011 | 1 | 5.920 | ..... | 0.063 | ..... | 1.7 | 1.8 | 165 | |
| 193 | 830 | 600 | 12 | 3 | 1 | 13995.1012 | 1 | 5.920 | ..... | 0.063 | ..... | 2.2 | 2.0 | 165 | |
| 194 | 830 | 1800 | 12 | 3 | 1 | 13995.1013 | 1 | 5.920 | ..... | 0.063 | ..... | 2.7 | 1.8 | 165 | 7.9 |
| 195 | 831 | 600 | 12 | 3 | 1 | 13995.1014 | 1 | 5.918 | ..... | 0.061 | ..... | 3.5 | 2.1 | 170 | |
| 196 | 831 | 1800 | 12 | 3 | 1 | 13995.1015 | 1 | 5.915 | ..... | 0.059 | ..... | 1.7 | 1.7 | 170 | |
| 197 | 901 | 600 | 12 | 3 | 1 | 13995.1016 | 1 | 5.915 | ..... | 0.059 | ..... | 3.0 | 1.9 | 170 | |
| 198 | 901 | 1800 | 12 | 3 | 1 | 13995.1017 | 1 | 5.915 | ..... | 0.059 | ..... | 2.4 | 2.0 | 170 | 7.9 |
| 199 | 902 | 600 | 12 | 3 | 1 | 13995.1018 | 1 | 5.915 | ..... | 0.059 | ..... | 2.9 | 2.4 | 170 | |
| 200 | 902 | 1800 | 12 | 3 | 1 | 13995.1019 | 1 | 5.915 | ..... | 0.059 | ..... | 2.4 | 2.0 | 170 | |
| 201 | 903 | 600 | 12 | 3 | 1 | 13995.1020 | 1 | 5.913 | ..... | 0.057 | ..... | 3.2 | 2.2 | 170 | |
| 202 | 903 | 1800 | 12 | 3 | 1 | 13995.1021 | 1 | 5.913 | ..... | 0.057 | ..... | 2.0 | 2.3 | 165 | |
| 203 | 904 | 600 | 12 | 3 | 1 | 13995.1022 | 1 | 5.920 | ..... | 0.063 | ..... | 5.0 | 2.3 | 165 | |
| 204 | 904 | 1230 | ..... | 1 | 1 | 13996.1 | 1 | 5.902 | ..... | 0.049 | ..... | 1.3 | 2.7 | 160 | 7.5 |
| 205 | 904 | 1800 | 12 | 3 | 1 | 13839.101 | 1 | 5.935 | ..... | 0.077 | ..... | 4.4 | 2.7 | 150 | 7.5 |
| 206 | 905 | 600 | 12 | 3 | 1 | 13839.102 | 1 | 5.930 | ..... | 0.072 | ..... | 12.4 | 6.3 | 150 | |
| 207 | 905 | 1800 | 12 | 3 | 1 | 13839.103 | 1 | 5.925 | ..... | 0.067 | ..... | 4.2 | 3.2 | 150 | |
| 208 | 906 | 1800 | 12 | 3 | 1 | 13839.105 | 1 | 5.920 | ..... | 0.063 | ..... | 5.9 | 2.8 | 150 | |
| 209 | 907 | 1800 | 12 | 3 | 1 | 13839.107 | 1 | 5.915 | ..... | 0.059 | ..... | 5.4 | 3.3 | 155 | 7.6 |
| 210 | 908 | 600 | 12 | 3 | 1 | 13839.108 | 1 | 5.912 | ..... | 0.056 | ..... | 2.0 | 2.1 | 155 | |
| 211 | 908 | 1800 | 12 | 3 | 1 | 13839.109 | 1 | 5.910 | ..... | 0.055 | ..... | 3.6 | 1.5 | 155 | |
| 212 | 909 | 600 | 12 | 3 | 1 | 13839.1010 | 1 | 5.910 | ..... | 0.055 | ..... | 3.1 | 1.7 | 155 | |
| 213 | 909 | 1800 | 12 | 3 | 1 | 13839.1011 | 1 | 5.910 | ..... | 0.055 | ..... | 3.9 | 2.3 | 160 | 7.4 |
| 214 | 910 | 600 | 12 | 3 | 1 | 13839.1012 | 1 | 5.910 | ..... | 0.055 | ..... | 2.3 | 1.7 | 160 | |
| 215 | 910 | 1800 | 12 | 3 | 1 | 13839.1013 | 2 | 5.920 | ..... | 0.063 | ..... | 12.0 | 4.3 | 150 | |
| 216 | 911 | 600 | 12 | 3 | 1 | 13839.1014 | 1 | 5.940 | ..... | 0.083 | ..... | 4.1 | 4.8 | 150 | |
| 217 | 911 | 1800 | 12 | 3 | 1 | 13839.1015 | 1 | 5.938 | ..... | 0.081 | ..... | 5.9 | 7.0 | 145 | 7.5 |
| 218 | 912 | 600 | 12 | 3 | 1 | 13839.1016 | 1 | 5.935 | ..... | 0.077 | ..... | 5.4 | 6.2 | 145 | |
| 219 | 912 | 1800 | 12 | 3 | 1 | 13839.1017 | 1 | 5.932 | ..... | 0.074 | ..... | 5.7 | 6.5 | 150 | |
| 220 | 913 | 600 | 12 | 3 | 1 | 13839.1018 | 1 | 5.930 | ..... | 0.072 | ..... | 5.5 | 6.3 | 150 | |
| 221 | 913 | 1800 | 12 | 3 | 1 | 13839.1019 | 1 | 5.930 | ..... | 0.072 | ..... | 6.9 | 6.4 | 150 | 7.5 |
| 222 | 914 | 600 | 12 | 3 | 1 | 13839.1020 | 1 | 5.930 | ..... | 0.072 | ..... | 4.4 | 6.2 | 150 | |
| 223 | 914 | 1800 | 12 | 3 | 1 | 13839.1021 | 1 | 5.930 | ..... | 0.072 | ..... | 4.4 | 4.7 | 150 | |
| 224 | 915 | 600 | 12 | 3 | 1 | 13839.1022 | 1 | 5.930 | ..... | 0.072 | ..... | 4.4 | 5.4 | 150 | |
| 225 | 915 | 1800 | 12 | 3 | 1 | 13839.1023 | 1 | 5.930 | ..... | 0.072 | ..... | 6.6 | 5.3 | 160 | |
| 226 | 916 | 600 | 12 | 3 | 1 | 13839.1024 | 1 | 5.930 | ..... | 0.072 | ..... | 6.4 | 7.8 | 160 | |

TABLE 27
WATER QUALITY DATA FOR CLINE CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 12, 1986 - SEPTEMBER 16, 1986

FOREST:ROCKY/CLEARWATER
CREEK: CLINE
COMMENTS: STEVENS GAUGE

PHASE 3 CODE: H13 C12 A12 AREA : 3087 HA
LOCATION : 12-26-37-18-W5 LAT/LON: 52 13'/ 116 29'
RATING CURVE: FLOW=3.3*10^-67*STAGE^84.175 (MAY 12-MAY 24)
FLOW=6.04*10^-75*STAGE^93.576 (MAY 25-SEPT. 15)

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 512 | 1600 | ..... | 1 | 1 | 13781.1 | 1 | 6.010 | 1 | 0.114 | ..... | | | | | 0.0 | 0.5 | 410 | |
| 2 | 517 | 1340 | ..... | 1 | 1 | 13785.1 | 1 | 6.015 | ..... | 0.129 | ..... | | | | | 0.7 | 0.4 | 410 | |
| 3 | 521 | 1000 | ..... | 1 | 1 | 13802.1 | 4 | 6.126 | 1 | 0.575 | ..... | | | | | 15.9 | 9.8 | 280 | |
| 4 | 521 | 1230 | ..... | 1 | 1 | 13803.1 | 4 | 6.117 | ..... | 0.531 | ..... | | | | | 13.0 | 7.2 | 300 | |
| 5 | 524 | 1410 | ..... | 1 | 1 | 13791.1 | 4 | 6.062 | 1 | 0.271 | ..... | | | | | 2.7 | 0.9 | 375 | |
| 6 | 526 | 1650 | ..... | 1 | 1 | 13814.1 | 2 | 6.313 | ..... | 4.612 | ..... | | | | | 12020.9 | 670.0 | 200 | 7.7 |
| 7 | 526 | 1653 | ..... | 1 | 1 | 13815.1 | 2 | 6.322 | ..... | 5.270 | ..... | | | | | 13651.5 | 1100.0 | 200 | |
| 8 | 526 | 1710 | ..... | 1 | 1 | 13816.1 | 2 | 6.303 | ..... | 3.976 | ..... | | | | | 15527.1 | 480.0 | 200 | |
| 9 | 526 | 1755 | ..... | 1 | 1 | 13817.1 | 2 | 6.335 | ..... | 6.387 | ..... | | | | | 14134.6 | 1300.0 | 215 | 7.6 |
| 10 | 526 | 1758 | ..... | 1 | 1 | 13858.1 | 2 | 6.341 | ..... | 6.978 | ..... | | | | | 15153.0 | 570.0 | 210 | |
| 11 | 526 | 1800 | ..... | 1 | 1 | 13818.1 | 2 | 6.350 | ..... | 7.969 | ..... | | | | | 16832.1 | 1100.0 | 200 | |
| 12 | 526 | 1815 | ..... | 1 | 1 | 13819.1 | 3 | 6.366 | ..... | 10.085 | ..... | | | | | 16459.0 | 680.0 | 215 | |
| 13 | 527 | 1126 | ..... | 1 | 1 | 13851.1 | 2 | 6.200 | 1 | 2.056 | ..... | | | | | 1031.8 | 530.0 | 240 | 8.0 |
| 14 | 527 | 1235 | ..... | 1 | 1 | 13812.1 | 2 | 6.210 | ..... | 0.989 | ..... | | | | | 1283.9 | 410.0 | 235 | |
| 15 | 527 | 1320 | ..... | 1 | 1 | 13813.1 | 2 | 6.220 | ..... | 1.150 | ..... | | | | | 1424.1 | 370.0 | 240 | |
| 16 | 527 | 1405 | ..... | 1 | 1 | 13852.1 | 2 | 6.230 | ..... | 1.337 | ..... | | | | | 2191.4 | 400.0 | 240 | |
| 17 | 527 | 1420 | ..... | 1 | 1 | 13853.1 | 2 | 6.240 | ..... | 1.553 | ..... | | | | | 2859.0 | 570.0 | 230 | 8.1 |
| 18 | 527 | 1431 | ..... | 1 | 1 | 13854.1 | 2 | 6.250 | ..... | 1.804 | ..... | | | | | 3014.3 | 550.0 | 230 | |
| 19 | 527 | 1445 | ..... | 1 | 1 | 13855.1 | 2 | 6.260 | ..... | 2.095 | ..... | | | | | 2822.3 | 620.0 | 235 | |
| 20 | 527 | 1527 | ..... | 1 | 1 | 13856.1 | 2 | 6.270 | ..... | 2.433 | ..... | | | | | 4947.3 | 820.0 | 220 | |
| 21 | 527 | 1600 | ..... | 1 | 1 | 13857.1 | 2 | 6.280 | ..... | 2.824 | ..... | | | | | 4930.0 | 1050.0 | 200 | 7.9 |
| 22 | 601 | 1330 | ..... | 1 | 1 | 13825.1 | 2 | 6.251 | 1 | 1.514 | ..... | | | | | 415.9 | 37.0 | 290 | |
| 23 | 604 | 1030 | ..... | 1 | 1 | 13864.1 | 4 | 6.210 | 1 | 1.063 | ..... | | | | | 8.0 | 1.4 | 310 | |
| 24 | 608 | 1521 | ..... | 1 | 1 | 13875.1 | 1 | 6.190 | ..... | 0.732 | ..... | | | | | 3.3 | 0.7 | 330 | |
| 25 | 615 | 1020 | ..... | 1 | 1 | 13897.1 | 4 | 6.149 | ..... | 0.393 | ..... | | | | | 0.5 | 0.3 | 325 | 8.3 |
| 26 | 615 | 1535 | ..... | 1 | 1 | 13882.1 | 4 | 6.173 | ..... | 0.566 | ..... | | | | | 2.0 | 0.5 | 315 | 8.1 |
| 27 | 620 | 945 | ..... | 1 | 1 | 13891.1 | 4 | 6.155 | 1 | 0.419 | ..... | | | | | 0.8 | 0.3 | 330 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 628 | 1400 | ..... | 1 | 1 | 13901.1 | 1 | 6.137 | ..... | 0.327 | ..... | | 0.6 | 0.2 | 330 | | | |
| 29 | 704 | 1100 | ..... | 1 | 1 | 13917.1 | 4 | 6.146 | ..... | 0.375 | ..... | | 0.9 | 0.2 | 320 | | | |
| 30 | 706 | 933 | ..... | 1 | 1 | 13919.1 | 1 | 6.141 | ..... | 0.348 | ..... | | 0.6 | 0.5 | 330 | 8.2 | | |
| 31 | 711 | 1200 | ..... | 1 | 1 | 13931.1 | 1 | 6.134 | ..... | 0.313 | ..... | | 7.3 | 0.3 | 335 | | | |
| 32 | 715 | 1013 | ..... | 1 | 1 | 13935.1 | 4 | 6.134 | ..... | 0.313 | ..... | | 1.4 | 0.2 | 340 | | | |
| 33 | 719 | 920 | ..... | 1 | 1 | 13941.1 | 4 | 6.190 | ..... | 0.732 | ..... | | 2.6 | 0.4 | 330 | | | |
| 34 | 803 | 1145 | ..... | 1 | 1 | 13960.1 | 1 | 6.138 | 1 | 0.312 | ..... | | 1.8 | 0.3 | 365 | | | |
| 35 | 809 | 1700 | ..... | 1 | 1 | 13952.1 | 1 | 6.125 | ..... | 0.272 | ..... | | 2.4 | 0.4 | 370 | | | |
| 36 | 816 | 1305 | ..... | 1 | 1 | 13957.1 | 1 | 6.109 | 1 | 0.253 | ..... | | 1.8 | 0.2 | 360 | | | |
| 37 | 823 | 1335 | ..... | 1 | 1 | 13978.1 | 1 | 6.092 | ..... | 0.164 | ..... | | 2.3 | 0.2 | 360 | | | |
| 38 | 903 | 1315 | ..... | 1 | 1 | 13991.1 | 1 | 6.070 | ..... | 0.117 | ..... | | 0.6 | 0.2 | 335 | 8.3 | | |
| 39 | 916 | 1345 | ..... | 1 | 1 | 13836.1 | 1 | 6.062 | ..... | 0.104 | ..... | | 0.4 | 0.2 | 370 | | | |

TABLE 28
WATER QUALITY DATA FOR DRY CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 9, 1986 - SEPTEMBER 12, 1986

FOREST:ROCKY/CLEARWATER
CREEK: DRY
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: H13 A11 E1 AREA : 4280 HA
LOCATION : 16-4-38-10-W5 LAT/LON: 52 14'/ 115 22'
RATING CURVE: FLOW=.017*STAGE^8.402 (MAY 9-JULY 16)
FLOW=.003*STAGE^12.347 (JULY 17-SEPT. 17)

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 509 | 1500 | ..... | 1 | 1 | 13780.1 | 1 | 1.462 | 1 | 0.413 | ..... | ..... | ..... | ..... | ..... | 2.4 | 2.6 | 265 | 7.7 |
| 2 | 509 | 1800 | 12 | 3 | 1 | 13796.101 | 1 | 1.460 | ..... | 0.409 | ..... | ..... | ..... | ..... | ..... | 3.6 | 1.6 | 265 | 7.8 |
| 3 | 510 | 600 | 12 | 4 | 1 | 13796.102 | 1 | 1.471 | ..... | 0.435 | ..... | ..... | ..... | ..... | ..... | 1.8 | 2.2 | 270 | |
| 4 | 510 | 1800 | 12 | 4 | 1 | 13796.103 | 1 | 1.470 | ..... | 0.433 | ..... | ..... | ..... | ..... | ..... | 0.2 | 1.6 | 270 | |
| 5 | 511 | 600 | 12 | 4 | 1 | 13796.104 | 1 | 1.495 | ..... | 0.499 | ..... | ..... | ..... | ..... | ..... | 3.0 | 2.8 | 270 | |
| 6 | 511 | 1800 | 12 | 4 | 1 | 13796.105 | 1 | 1.485 | ..... | 0.471 | ..... | ..... | ..... | ..... | ..... | 3.2 | 1.4 | 265 | 7.7 |
| 7 | 512 | 1800 | 12 | 4 | 1 | 13796.106 | 1 | 1.465 | ..... | 0.421 | ..... | ..... | ..... | ..... | ..... | 3.3 | 1.5 | 270 | |
| 8 | 513 | 1800 | 12 | 4 | 1 | 13796.107 | 1 | 1.460 | ..... | 0.409 | ..... | ..... | ..... | ..... | ..... | 2.6 | 1.2 | 280 | |
| 9 | 514 | 600 | 12 | 4 | 1 | 13796.108 | 2 | 1.465 | ..... | 0.421 | ..... | ..... | ..... | ..... | ..... | 1.4 | 2.5 | ..... | |
| 10 | 514 | 1800 | 12 | 4 | 1 | 13796.109 | 1 | 1.453 | ..... | 0.392 | ..... | ..... | ..... | ..... | ..... | 1.0 | 3.8 | ..... | 8.3 |
| 11 | 516 | 1800 | 12 | 4 | 1 | 13796.1010 | 2 | 1.480 | ..... | 0.458 | ..... | ..... | ..... | ..... | ..... | 2.6 | 1.5 | 270 | |
| 12 | 517 | 600 | 12 | 4 | 1 | 13796.1011 | 2 | 1.530 | ..... | 0.606 | ..... | ..... | ..... | ..... | ..... | 10.0 | 7.8 | 270 | |
| 13 | 517 | 1800 | 12 | 4 | 1 | 13796.1012 | 2 | 1.600 | ..... | 0.882 | ..... | ..... | ..... | ..... | ..... | 37.3 | 14.0 | 260 | |
| 14 | 518 | 600 | 12 | 4 | 1 | 13796.1013 | 4 | 1.690 | ..... | 1.397 | ..... | ..... | ..... | ..... | ..... | 68.2 | 59.0 | 210 | 7.7 |
| 15 | 518 | 1800 | 12 | 4 | 1 | 13796.1014 | 2 | 1.690 | ..... | 1.397 | ..... | ..... | ..... | ..... | ..... | 45.8 | 37.0 | 210 | |
| 16 | 519 | 600 | 12 | 4 | 1 | 13796.1015 | 4 | 1.735 | ..... | 1.742 | ..... | ..... | ..... | ..... | ..... | 81.8 | 53.0 | 190 | |
| 17 | 519 | 1800 | 12 | 4 | 1 | 13796.1016 | 2 | 1.720 | ..... | 1.619 | ..... | ..... | ..... | ..... | ..... | 42.4 | 26.0 | 195 | |
| 18 | 520 | 600 | 12 | 4 | 1 | 13796.1017 | 4 | 1.700 | ..... | 1.468 | ..... | ..... | ..... | ..... | ..... | 36.9 | 33.0 | 195 | 7.3 |
| 19 | 520 | 1800 | 12 | 4 | 1 | 13796.1018 | 4 | 1.648 | ..... | 1.131 | ..... | ..... | ..... | ..... | ..... | 16.6 | 13.0 | 210 | |
| 20 | 521 | 600 | 12 | 4 | 1 | 13796.1019 | 4 | 1.610 | ..... | 0.929 | ..... | ..... | ..... | ..... | ..... | 16.4 | 11.0 | 230 | |
| 21 | 521 | 1800 | 12 | 4 | 1 | 13796.1020 | 2 | 1.680 | ..... | 1.329 | ..... | ..... | ..... | ..... | ..... | 17.6 | 14.0 | 230 | |
| 22 | 522 | 600 | 12 | 4 | 1 | 13796.1021 | 4 | 1.740 | ..... | 1.785 | ..... | ..... | ..... | ..... | ..... | 42.4 | 26.0 | 190 | |
| 23 | 522 | 1800 | 12 | 4 | 1 | 13796.1022 | 4 | 1.700 | ..... | 1.468 | ..... | ..... | ..... | ..... | ..... | 15.5 | 6.7 | 200 | 7.7 |
| 24 | 523 | 600 | 12 | 4 | 1 | 13796.1023 | 4 | 1.670 | ..... | 1.264 | ..... | ..... | ..... | ..... | ..... | 15.5 | 5.2 | 205 | |
| 25 | 523 | 1230 | ..... | 1 | 1 | 13797.1 | 4 | 1.640 | 1 | 0.966 | ..... | ..... | ..... | ..... | ..... | 25.9 | 4.5 | 215 | |
| 26 | 523 | 1800 | 12 | 3 | 1 | 13870.101 | 4 | 1.640 | ..... | 1.085 | ..... | ..... | ..... | ..... | ..... | 5.1 | 2.9 | 200 | 7.5 |
| 27 | 524 | 600 | 12 | 3 | 1 | 13870.102 | 4 | 1.615 | ..... | 0.954 | ..... | ..... | ..... | ..... | ..... | 8.3 | 3.9 | 215 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 524 | 1800 | 12 | 3 | 1 | 13870.103 | 4 | 1.590 | ..... | 0.837 | ..... | 2.0 | 2.0 | 225 | |
| 29 | 525 | 600 | 12 | 3 | 1 | 13870.104 | 4 | 1.580 | ..... | 0.794 | ..... | 2.7 | 1.8 | 235 | |
| 30 | 525 | 1800 | 12 | 3 | 1 | 13870.105 | 4 | 1.575 | ..... | 0.773 | ..... | 1.5 | 1.6 | 240 | 7.7 |
| 31 | 526 | 600 | 12 | 3 | 1 | 13870.106 | 4 | 1.570 | ..... | 0.752 | ..... | 6.1 | 2.1 | 245 | |
| 32 | 526 | 1800 | 12 | 3 | 1 | 13870.107 | 4 | 1.560 | ..... | 0.713 | ..... | 2.4 | 1.4 | 250 | |
| 33 | 527 | 600 | 12 | 3 | 1 | 13870.108 | 1 | 1.555 | ..... | 0.694 | ..... | 2.6 | 1.6 | 255 | |
| 34 | 527 | 1800 | 12 | 3 | 1 | 13870.109 | 1 | 1.550 | ..... | 0.675 | ..... | 3.1 | 1.3 | 260 | 7.9 |
| 35 | 528 | 600 | 12 | 3 | 1 | 13870.1010 | 1 | 1.540 | ..... | 0.640 | ..... | 0.0 | 1.3 | 265 | |
| 36 | 528 | 1800 | 12 | 3 | 1 | 13870.1011 | 1 | 1.534 | ..... | 0.619 | ..... | 0.0 | 0.8 | 270 | |
| 37 | 529 | 600 | 12 | 3 | 1 | 13870.1012 | 1 | 1.525 | ..... | 0.589 | ..... | 1.1 | 0.9 | 270 | |
| 38 | 529 | 1800 | 12 | 3 | 1 | 13870.1013 | 1 | 1.520 | ..... | 0.573 | ..... | 0.7 | 0.8 | 275 | 8.2 |
| 39 | 530 | 600 | 12 | 3 | 1 | 13870.1014 | 1 | 1.510 | ..... | 0.542 | ..... | 2.9 | 0.9 | 280 | |
| 40 | 530 | 1800 | 12 | 3 | 1 | 13870.1015 | 1 | 1.510 | ..... | 0.542 | ..... | 4.1 | 0.8 | 280 | |
| 41 | 531 | 600 | 12 | 3 | 1 | 13870.1016 | 1 | 1.500 | ..... | 0.513 | ..... | 3.0 | 1.8 | 290 | |
| 42 | 531 | 1800 | 12 | 3 | 1 | 13870.1017 | 1 | 1.495 | ..... | 0.499 | ..... | 0.7 | 1.3 | 290 | 8.2 |
| 43 | 601 | 600 | 12 | 3 | 1 | 13870.1018 | 1 | 1.490 | ..... | 0.485 | ..... | 5.8 | 2.9 | 290 | |
| 44 | 601 | 1800 | 12 | 3 | 1 | 13870.1019 | 1 | 1.490 | ..... | 0.485 | ..... | 2.4 | 1.3 | 295 | |
| 45 | 602 | 600 | 12 | 3 | 1 | 13870.1020 | 1 | 1.480 | ..... | 0.458 | ..... | 3.4 | 1.3 | 300 | |
| 46 | 602 | 1800 | 12 | 3 | 1 | 13870.1021 | 1 | 1.478 | ..... | 0.453 | ..... | 1.6 | 0.7 | 320 | |
| 47 | 603 | 600 | 12 | 3 | 1 | 13870.1022 | 1 | 1.470 | ..... | 0.433 | ..... | 2.0 | 0.8 | 320 | |
| 48 | 603 | 1800 | 12 | 3 | 1 | 13870.1023 | 1 | 1.465 | ..... | 0.421 | ..... | 2.3 | 1.0 | 320 | 8.2 |
| 49 | 604 | 600 | 12 | 3 | 1 | 13870.1024 | 1 | 1.460 | ..... | 0.409 | ..... | 6.2 | 2.1 | 320 | |
| 50 | 604 | 1800 | 12 | 3 | 1 | 13870.1025 | 1 | 1.460 | ..... | 0.409 | ..... | 2.7 | 0.9 | 330 | |
| 51 | 605 | 600 | 12 | 3 | 1 | 13870.1026 | 1 | 1.455 | ..... | 0.397 | ..... | 3.8 | 1.5 | 335 | |
| 52 | 605 | 1800 | 12 | 3 | 1 | 13870.1027 | 1 | 1.455 | ..... | 0.397 | ..... | 9.6 | 3.3 | 335 | 8.1 |
| 53 | 606 | 600 | 12 | 3 | 1 | 13870.1028 | 1 | 1.455 | ..... | 0.397 | ..... | 4.3 | 1.6 | 340 | |
| 54 | 606 | 1540 | ..... | 1 | 1 | 13871.1 | 1 | 1.461 | 1 | 0.401 | ..... | 8.0 | 1.8 | 335 | |
| 55 | 606 | 1800 | 12 | 3 | 1 | 13804.101 | 1 | 1.462 | ..... | 0.413 | ..... | 8.6 | 2.8 | 320 | 8.4 |
| 56 | 607 | 1800 | 12 | 3 | 1 | 13804.103 | 2 | 1.590 | ..... | 0.837 | ..... | 75.6 | 59.0 | 300 | |
| 57 | 608 | 600 | 12 | 3 | 1 | 13804.104 | 4 | 1.590 | ..... | 0.837 | ..... | 23.5 | 19.0 | 275 | |
| 58 | 608 | 1800 | 12 | 3 | 1 | 13804.105 | 4 | 1.585 | ..... | 0.815 | ..... | 9.0 | 3.8 | 265 | |
| 59 | 609 | 600 | 12 | 3 | 1 | 13804.106 | 4 | 1.565 | ..... | 0.732 | ..... | 11.3 | 4.5 | 265 | 8.2 |
| 60 | 609 | 1800 | 12 | 3 | 1 | 13804.107 | 4 | 1.540 | ..... | 0.640 | ..... | 3.1 | 1.8 | 270 | |
| 61 | 610 | 600 | 12 | 4 | 1 | 13804.108 | 4 | 1.510 | ..... | 0.542 | ..... | 11.7 | 3.7 | 280 | |
| 62 | 610 | 1800 | 12 | 3 | 1 | 13804.109 | 4 | 1.500 | ..... | 0.513 | ..... | 2.9 | 1.5 | 285 | |
| 63 | 611 | 600 | 12 | 3 | 1 | 13804.1010 | 4 | 1.488 | ..... | 0.479 | ..... | 13.2 | 3.9 | 290 | 8.4 |
| 64 | 611 | 1800 | 12 | 3 | 1 | 13804.1011 | 2 | 1.525 | ..... | 0.589 | ..... | 3.3 | 1.9 | 290 | |
| 65 | 612 | 600 | 12 | 3 | 1 | 13804.1012 | 4 | 1.520 | ..... | 0.573 | ..... | 5.1 | 2.3 | 290 | |
| 66 | 612 | 1800 | 12 | 3 | 1 | 13804.1013 | 4 | 1.500 | ..... | 0.513 | ..... | 5.8 | 1.6 | 285 | |
| 67 | 613 | 600 | 12 | 3 | 1 | 13804.1014 | 4 | 1.488 | ..... | 0.479 | ..... | 3.8 | 2.2 | 290 | 8.4 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 613 | 1800 | 12 | 3 | 1 | 13804.1015 | 4 | 1.480 | ..... | 0.458 | ..... | 4.0 | 1.6 | 300 | |
| 69 | 614 | 600 | 12 | 3 | 1 | 13804.1016 | 1 | 1.470 | ..... | 0.433 | ..... | 5.5 | 2.7 | 310 | |
| 70 | 614 | 1800 | 12 | 3 | 1 | 13804.1017 | 1 | 1.465 | ..... | 0.421 | ..... | 2.4 | 1.4 | 310 | |
| 71 | 615 | 600 | 12 | 3 | 1 | 13804.1018 | 2 | 1.480 | ..... | 0.458 | ..... | 9.1 | 4.0 | 310 | 8.3 |
| 72 | 615 | 1800 | 12 | 3 | 1 | 13804.1019 | 4 | 1.490 | ..... | 0.485 | ..... | 1.6 | 1.4 | 305 | |
| 73 | 616 | 600 | 12 | 3 | 1 | 13804.1020 | 4 | 1.475 | ..... | 0.445 | ..... | 5.8 | 2.8 | 305 | |
| 74 | 616 | 1800 | 12 | 3 | 1 | 13804.1021 | 4 | 1.470 | ..... | 0.433 | ..... | 5.3 | 2.4 | 300 | |
| 75 | 617 | 600 | 12 | 3 | 1 | 13804.1022 | 1 | 1.458 | ..... | 0.404 | ..... | 0.2 | 1.4 | 305 | |
| 76 | 617 | 1800 | 12 | 3 | 1 | 13804.1023 | 1 | 1.452 | ..... | 0.390 | ..... | 0.9 | 1.3 | 310 | 8.2 |
| 77 | 618 | 600 | 12 | 3 | 1 | 13804.1024 | 1 | 1.450 | ..... | 0.386 | ..... | 3.8 | 2.6 | 320 | |
| 78 | 618 | 1800 | 12 | 3 | 1 | 13804.1025 | 1 | 1.455 | ..... | 0.397 | ..... | 4.6 | 2.1 | 320 | |
| 79 | 619 | 600 | 12 | 3 | 1 | 13804.1026 | 1 | 1.457 | ..... | 0.402 | ..... | 3.1 | 2.0 | 320 | |
| 80 | 619 | 1800 | 12 | 3 | 1 | 13804.1027 | 1 | 1.465 | ..... | 0.421 | ..... | 3.1 | 1.8 | 325 | 8.1 |
| 81 | 620 | 600 | 12 | 3 | 1 | 13804.1028 | 1 | 1.450 | ..... | 0.386 | ..... | 2.6 | 1.7 | 320 | |
| 82 | 620 | 1600 | ..... | 1 | 1 | 13805.1 | 1 | 1.449 | 1 | 0.379 | ..... | 3.3 | 1.6 | 315 | |
| 83 | 620 | 1800 | 12 | 3 | 1 | 13907.101 | 1 | 1.450 | ..... | 0.386 | ..... | 15.3 | 3.4 | 335 | 8.2 |
| 84 | 621 | 600 | 12 | 3 | 1 | 13907.102 | 1 | 1.442 | ..... | 0.368 | ..... | 6.2 | 2.0 | 340 | |
| 85 | 621 | 1800 | 12 | 3 | 1 | 13907.103 | 1 | 1.440 | ..... | 0.364 | ..... | 12.1 | 4.4 | 340 | |
| 86 | 622 | 600 | 12 | 3 | 1 | 13907.104 | 1 | 1.432 | ..... | 0.347 | ..... | 8.1 | 3.6 | 345 | 8.3 |
| 87 | 622 | 1800 | 12 | 3 | 1 | 13907.105 | 1 | 1.432 | ..... | 0.347 | ..... | 2.9 | 1.3 | 350 | |
| 88 | 623 | 600 | 12 | 3 | 1 | 13907.106 | 1 | 1.430 | ..... | 0.343 | ..... | 6.7 | 2.0 | 350 | |
| 89 | 623 | 1800 | 12 | 3 | 1 | 13907.107 | 1 | 1.430 | ..... | 0.343 | ..... | 4.9 | 1.8 | 355 | |
| 90 | 624 | 600 | 12 | 3 | 1 | 13907.108 | 1 | 1.418 | ..... | 0.320 | ..... | 9.0 | 3.2 | 355 | 8.3 |
| 91 | 624 | 1800 | 12 | 3 | 1 | 13907.109 | 1 | 1.425 | ..... | 0.333 | ..... | 4.8 | 2.0 | 360 | |
| 92 | 625 | 600 | 12 | 3 | 1 | 13907.1010 | 1 | 1.420 | ..... | 0.324 | ..... | 3.7 | 2.0 | 365 | |
| 93 | 625 | 1800 | 12 | 3 | 1 | 13907.1011 | 1 | 1.420 | ..... | 0.324 | ..... | 9.2 | 2.3 | 370 | |
| 94 | 626 | 600 | 12 | 3 | 1 | 13907.1012 | 1 | 1.424 | ..... | 0.331 | ..... | 13.2 | 3.3 | 365 | 8.3 |
| 95 | 626 | 1800 | 12 | 3 | 1 | 13907.1013 | 1 | 1.420 | ..... | 0.324 | ..... | 6.2 | 2.7 | 370 | |
| 96 | 627 | 1800 | 12 | 3 | 1 | 13907.1014 | 1 | 1.430 | ..... | 0.343 | ..... | 7.3 | 2.7 | 365 | |
| 97 | 628 | 600 | 12 | 3 | 1 | 13907.1015 | 1 | 1.420 | ..... | 0.324 | ..... | 7.3 | 2.8 | 370 | |
| 98 | 628 | 1800 | 12 | 3 | 1 | 13907.1016 | 1 | 1.425 | ..... | 0.333 | ..... | 4.0 | 2.0 | 370 | 8.2 |
| 99 | 629 | 600 | 12 | 3 | 1 | 13907.1017 | 1 | 1.420 | ..... | 0.324 | ..... | 7.8 | 3.2 | 370 | |
| 100 | 629 | 1800 | 12 | 3 | 1 | 13907.1018 | 2 | 1.660 | ..... | 1.202 | ..... | 90.2 | 40.0 | 330 | |
| 101 | 630 | 600 | 12 | 3 | 1 | 13907.1019 | 4 | 2.040 | ..... | 6.791 | ..... | 297.1 | 120.0 | 190 | |
| 102 | 630 | 1200 | 2 | 3 | 1 | 13807.101 | 4 | 1.985 | ..... | 5.398 | ..... | 142.8 | 50.0 | 180 | 7.6 |
| 103 | 630 | 1400 | 2 | 3 | 1 | 13807.102 | 4 | 1.960 | ..... | 4.853 | ..... | 118.2 | 36.0 | 180 | |
| 104 | 630 | 1600 | 2 | 3 | 1 | 13807.103 | 4 | 1.930 | ..... | 4.263 | ..... | 102.7 | 36.0 | 180 | |
| 105 | 630 | 1800 | 2 | 3 | 1 | 13807.104 | 4 | 1.900 | ..... | 3.737 | ..... | 92.9 | 29.0 | 180 | |
| 106 | 630 | 2000 | 2 | 3 | 1 | 13807.105 | 4 | 1.870 | ..... | 3.269 | ..... | 84.3 | 32.0 | 185 | 7.6 |
| 107 | 630 | 2200 | 2 | 3 | 1 | 13807.106 | 4 | 1.845 | ..... | 2.920 | ..... | 68.6 | 28.0 | 190 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 630 | 2400 | 2 | 3 | 1 | 13807.107 | 4 | 1.825 | ..... | 2.664 | ..... | 58.2 | 20.0 | 190 | |
| 109 | 701 | 200 | 2 | 3 | 1 | 13807.108 | 4 | 1.810 | ..... | 2.486 | ..... | 53.6 | 24.0 | 195 | |
| 110 | 701 | 400 | 2 | 3 | 1 | 13807.109 | 4 | 1.790 | ..... | 2.264 | ..... | 40.0 | 14.0 | 200 | 7.6 |
| 111 | 701 | 600 | 2 | 3 | 1 | 13807.1010 | 4 | 1.775 | ..... | 2.110 | ..... | 35.8 | 17.0 | 200 | |
| 112 | 701 | 800 | 2 | 3 | 1 | 13807.1011 | 4 | 1.760 | ..... | 1.964 | ..... | 35.2 | 15.0 | 200 | |
| 113 | 701 | 1000 | 2 | 3 | 1 | 13807.1012 | 4 | 1.755 | ..... | 1.918 | ..... | 28.9 | 12.0 | 210 | |
| 114 | 701 | 1200 | 2 | 3 | 1 | 13807.1013 | 4 | 1.740 | ..... | 1.785 | ..... | 23.7 | 5.4 | 210 | 7.6 |
| 115 | 701 | 1400 | 2 | 3 | 1 | 13807.1014 | 4 | 1.730 | ..... | 1.700 | ..... | 18.9 | 7.9 | 210 | |
| 116 | 701 | 1600 | 2 | 3 | 1 | 13807.1015 | 4 | 1.725 | ..... | 1.659 | ..... | 21.1 | 7.3 | 215 | |
| 117 | 701 | 1800 | 2 | 3 | 1 | 13807.1016 | 4 | 1.715 | ..... | 1.580 | ..... | 18.4 | 6.5 | 215 | |
| 118 | 701 | 2000 | 2 | 3 | 1 | 13807.1017 | 4 | 1.705 | ..... | 1.505 | ..... | 15.5 | 6.8 | 220 | 7.8 |
| 119 | 701 | 2200 | 2 | 3 | 1 | 13807.1018 | 4 | 1.700 | ..... | 1.468 | ..... | 12.1 | 5.9 | 220 | |
| 120 | 701 | 2400 | 2 | 3 | 1 | 13807.1019 | 4 | 1.690 | ..... | 1.397 | ..... | 15.6 | 6.2 | 225 | |
| 121 | 702 | 200 | 2 | 3 | 1 | 13807.1020 | 4 | 1.685 | ..... | 1.363 | ..... | 12.2 | 4.9 | 230 | |
| 122 | 702 | 400 | 2 | 3 | 1 | 13807.1021 | 4 | 1.680 | ..... | 1.329 | ..... | 12.0 | 4.6 | 210 | 7.6 |
| 123 | 702 | 600 | 2 | 3 | 1 | 13807.1022 | 4 | 1.670 | ..... | 1.264 | ..... | 10.9 | 5.2 | 215 | |
| 124 | 702 | 800 | 2 | 3 | 1 | 13807.1023 | 4 | 1.665 | ..... | 1.232 | ..... | 7.3 | 3.0 | 220 | |
| 125 | 702 | 1000 | 2 | 3 | 1 | 13807.1024 | 4 | 1.660 | ..... | 1.202 | ..... | 7.9 | 3.5 | 220 | |
| 126 | 702 | 1200 | 2 | 3 | 1 | 13807.1025 | 4 | 1.660 | ..... | 1.202 | ..... | 11.3 | 6.3 | 225 | 7.7 |
| 127 | 702 | 1400 | 2 | 3 | 1 | 13807.1026 | 4 | 1.655 | ..... | 1.172 | ..... | 13.3 | 4.2 | 225 | |
| 128 | 702 | 1600 | 2 | 3 | 1 | 13807.1027 | 4 | 1.650 | ..... | 1.142 | ..... | 11.6 | 4.3 | 225 | |
| 129 | 702 | 1800 | 2 | 3 | 1 | 13807.1028 | 4 | 1.645 | ..... | 1.113 | ..... | 7.9 | 2.4 | 230 | |
| 130 | 703 | 1423 | ..... | 1 | 1 | 13806.1 | 4 | 1.610 | 1 | 1.054 | ..... | 5.2 | 3.1 | 245 | 7.7 |
| 131 | 703 | 1800 | 12 | 3 | 1 | 13929.101 | 4 | 1.610 | ..... | 0.929 | ..... | 7.0 | 2.7 | 255 | |
| 132 | 704 | 600 | 12 | 3 | 1 | 13929.102 | 4 | 1.580 | ..... | 0.794 | ..... | 13.2 | 5.5 | 260 | 7.9 |
| 133 | 704 | 1800 | 12 | 3 | 1 | 13929.103 | 4 | 1.575 | ..... | 0.773 | ..... | 2.1 | 1.5 | 265 | |
| 134 | 705 | 600 | 12 | 3 | 1 | 13929.104 | 2 | 1.630 | ..... | 1.031 | ..... | 10.6 | 4.5 | 260 | |
| 135 | 705 | 1800 | 12 | 3 | 1 | 13929.105 | 3 | 1.668 | ..... | 1.251 | ..... | 10.5 | 5.4 | 240 | |
| 136 | 706 | 600 | 12 | 3 | 1 | 13929.106 | 4 | 1.650 | ..... | 1.142 | ..... | 10.1 | 4.3 | 240 | 8.0 |
| 137 | 706 | 1800 | 12 | 3 | 1 | 13929.107 | 4 | 1.630 | ..... | 1.031 | ..... | 6.0 | 2.6 | 240 | |
| 138 | 707 | 600 | 12 | 3 | 1 | 13929.108 | 4 | 1.620 | ..... | 0.979 | ..... | 10.1 | 3.3 | 250 | |
| 139 | 707 | 1800 | 12 | 3 | 1 | 13929.109 | 2 | 1.635 | ..... | 1.058 | ..... | 14.3 | 14.0 | 255 | |
| 140 | 708 | 600 | 12 | 3 | 1 | 13929.1010 | 4 | 1.650 | ..... | 1.142 | ..... | 17.9 | 13.0 | 240 | 7.9 |
| 141 | 708 | 1800 | 12 | 3 | 1 | 13929.1011 | 4 | 1.635 | ..... | 1.058 | ..... | 10.9 | 4.8 | 245 | |
| 142 | 709 | 600 | 12 | 3 | 1 | 13929.1012 | 1 | 1.610 | ..... | 0.929 | ..... | 8.4 | 4.0 | 255 | |
| 143 | 709 | 1800 | 12 | 3 | 1 | 13944.101 | 1 | 1.610 | ..... | 0.929 | ..... | 5.3 | 2.3 | 270 | |
| 144 | 710 | 600 | 12 | 3 | 1 | 13944.102 | 1 | 1.610 | ..... | 0.929 | ..... | 5.8 | 3.1 | 275 | |
| 145 | 710 | 1800 | 12 | 3 | 1 | 13944.103 | 4 | 1.595 | ..... | 0.859 | ..... | 1.7 | 1.3 | 280 | |
| 146 | 711 | 600 | 12 | 3 | 1 | 13944.104 | 1 | 1.575 | ..... | 0.773 | ..... | 5.8 | 2.6 | 285 | |
| 147 | 711 | 1800 | 12 | 3 | 1 | 13944.105 | 1 | 1.575 | ..... | 0.773 | ..... | 2.9 | 1.4 | 275 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 712 | 600 | 12 | 3 | 1 | 13944.106 | 1 | 1.580 | ..... | 0.794 | ..... | 5.9 | 2.9 | 290 | | | |
| 149 | 712 | 1800 | 12 | 3 | 1 | 13944.107 | 1 | 1.580 | ..... | 0.794 | ..... | 2.7 | 1.1 | 295 | | | |
| 150 | 713 | 600 | 12 | 3 | 1 | 13944.108 | 1 | 1.570 | ..... | 0.752 | ..... | 5.8 | 2.2 | 300 | | | |
| 151 | 713 | 1800 | 12 | 3 | 1 | 13944.109 | 1 | 1.560 | ..... | 0.713 | ..... | 9.1 | 4.5 | 290 | | | |
| 152 | 714 | 600 | 12 | 3 | 1 | 13944.1010 | 1 | 1.568 | ..... | 0.744 | ..... | 6.9 | 3.8 | 300 | | | |
| 153 | 714 | 1800 | 12 | 3 | 1 | 13944.1011 | 1 | 1.560 | ..... | 0.713 | ..... | 5.5 | 2.0 | 300 | | | |
| 154 | 715 | 600 | 12 | 3 | 1 | 13944.1012 | 1 | 1.540 | ..... | 0.640 | ..... | 7.3 | 2.2 | 300 | | | |
| 155 | 715 | 1800 | 12 | 3 | 1 | 13944.1013 | 1 | 1.540 | ..... | 0.640 | ..... | 3.1 | 1.1 | 310 | | | |
| 156 | 716 | 600 | 12 | 3 | 1 | 13944.1014 | 1 | 1.530 | ..... | 0.606 | ..... | 5.3 | 2.2 | 315 | | | |
| 157 | 716 | 1800 | 12 | 3 | 1 | 13944.1015 | 2 | 1.570 | ..... | 0.752 | ..... | 5.1 | 2.4 | 315 | | | |
| 158 | 717 | 600 | 12 | 3 | 1 | 13944.1016 | 2 | 1.800 | ..... | 2.373 | ..... | 167.3 | 61.0 | 265 | | | |
| 159 | 717 | 1800 | 12 | 3 | 1 | 13944.1017 | 3 | 2.620 | ..... | | ..... | 1837.6 | 210.0 | 200 | | | |
| 160 | 718 | 600 | 12 | 3 | 1 | 13944.1018 | 4 | 2.200 | ..... | | ..... | 639.4 | 140.0 | 165 | | | |
| 161 | 718 | 1800 | 12 | 3 | 1 | 13944.1019 | 4 | 1.950 | ..... | 11.433 | ..... | 368.2 | 88.0 | 180 | | | |
| 162 | 719 | 600 | 12 | 3 | 1 | 13944.1020 | 4 | 1.860 | ..... | 6.380 | ..... | 196.3 | 53.0 | 190 | | | |
| 163 | 719 | 1800 | 12 | 3 | 1 | 13944.1021 | 4 | 1.795 | ..... | 4.112 | ..... | 130.0 | 37.0 | 205 | | | |
| 164 | 720 | 600 | 12 | 3 | 1 | 13944.1022 | 4 | 1.740 | ..... | 2.800 | ..... | 84.9 | 26.0 | 220 | | | |
| 165 | 720 | 1800 | 12 | 3 | 1 | 13944.1023 | 4 | 1.700 | ..... | 2.101 | ..... | 63.6 | 19.0 | 235 | | | |
| 166 | 721 | 600 | 12 | 3 | 1 | 13944.1024 | 4 | 1.680 | ..... | 1.816 | ..... | 62.2 | 17.0 | 250 | | | |
| 167 | 721 | 1800 | 12 | 3 | 1 | 13944.1025 | 4 | 1.665 | ..... | 1.625 | ..... | 63.1 | 16.0 | 255 | | | |
| 168 | 722 | 600 | 12 | 3 | 1 | 13944.1026 | 4 | 1.630 | ..... | 1.250 | ..... | 48.6 | 12.0 | 265 | | | |
| 169 | 722 | 1800 | 12 | 3 | 1 | 13944.1027 | 2 | 1.700 | ..... | 2.101 | ..... | 104.4 | 38.0 | 260 | | | |
| 170 | 723 | 600 | 12 | 3 | 1 | 13944.1028 | 4 | 1.690 | ..... | 1.954 | ..... | 52.9 | 20.0 | 250 | | | |
| 171 | 725 | 1100 | ..... | 1 | 1 | 13945.1 | 1 | 1.610 | 1 | 1.218 | ..... | 18.0 | 9.6 | 280 | | | |
| 172 | 725 | 1800 | 12 | 3 | 1 | 13961.101 | 1 | 1.610 | ..... | 1.073 | ..... | 17.9 | 9.0 | 280 | 8.2 | | |
| 173 | 726 | 600 | 12 | 3 | 1 | 13961.102 | 1 | 1.595 | ..... | 0.956 | ..... | 12.2 | 4.4 | 290 | | | |
| 174 | 726 | 1800 | 12 | 3 | 1 | 13961.103 | 1 | 1.615 | ..... | 1.115 | ..... | 15.2 | 8.1 | 285 | | | |
| 175 | 727 | 600 | 12 | 3 | 1 | 13961.104 | 1 | 1.600 | ..... | 0.994 | ..... | 15.7 | 7.0 | 285 | | | |
| 176 | 727 | 1800 | 12 | 3 | 1 | 13961.105 | 1 | 1.580 | ..... | 0.851 | ..... | 11.7 | 5.1 | 290 | 8.0 | | |
| 177 | 728 | 600 | 12 | 3 | 1 | 13961.106 | 1 | 1.565 | ..... | 0.756 | ..... | 15.1 | 5.2 | 300 | | | |
| 178 | 728 | 1800 | 12 | 3 | 1 | 13961.107 | 1 | 1.550 | ..... | 0.672 | ..... | 12.2 | 5.0 | 300 | | | |
| 179 | 729 | 600 | 12 | 3 | 1 | 13961.108 | 1 | 1.550 | ..... | 0.672 | ..... | 10.9 | 4.7 | 305 | | | |
| 180 | 729 | 1800 | 12 | 3 | 1 | 13961.109 | 1 | 1.570 | ..... | 0.787 | ..... | 11.4 | 5.5 | 305 | 8.0 | | |
| 181 | 730 | 600 | 12 | 3 | 1 | 13961.1010 | 1 | 1.560 | ..... | 0.727 | ..... | 15.3 | 6.6 | 300 | | | |
| 182 | 730 | 1800 | 12 | 3 | 1 | 13961.1011 | 1 | 1.550 | ..... | 0.672 | ..... | 7.5 | 3.9 | 305 | | | |
| 183 | 731 | 600 | 12 | 3 | 1 | 13961.1012 | 1 | 1.535 | ..... | 0.596 | ..... | 10.7 | 5.0 | 310 | | | |
| 184 | 731 | 1800 | 12 | 3 | 1 | 13961.1013 | 1 | 1.525 | ..... | 0.549 | ..... | 11.6 | 6.4 | 315 | 8.0 | | |
| 185 | 801 | 600 | 12 | 3 | 1 | 13961.1014 | 1 | 1.520 | ..... | 0.528 | ..... | 15.9 | 7.3 | 325 | | | |
| 186 | 801 | 1211 | ..... | 1 | 1 | 13962.1 | 1 | 1.519 | 1 | 0.596 | ..... | 9.8 | 3.3 | 340 | | | |
| 187 | 801 | 1800 | 12 | 3 | 1 | 13808.101 | 1 | 1.510 | ..... | 0.486 | ..... | 6.1 | 2.7 | 325 | 8.4 | | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 802 | 600 | 12 | 3 | 1 | 13808.102 | 1 | 1.505 | ..... | 0.467 | ..... | 9.8 | 4.9 | 330 | |
| 189 | 802 | 1800 | 12 | 3 | 1 | 13808.103 | 1 | 1.500 | ..... | 0.448 | ..... | 4.0 | 2.6 | 330 | |
| 190 | 803 | 600 | 12 | 3 | 1 | 13808.104 | 1 | 1.490 | ..... | 0.413 | ..... | 10.0 | 4.4 | 340 | |
| 191 | 803 | 1800 | 12 | 3 | 1 | 13808.105 | 1 | 1.505 | ..... | 0.467 | ..... | 6.7 | 3.6 | 340 | 8.4 |
| 192 | 804 | 600 | 12 | 3 | 1 | 13808.106 | 1 | 1.500 | ..... | 0.448 | ..... | 11.8 | 6.5 | 340 | |
| 193 | 804 | 1800 | 12 | 3 | 1 | 13808.107 | 1 | 1.490 | ..... | 0.413 | ..... | 3.4 | 2.2 | 340 | |
| 194 | 805 | 600 | 12 | 3 | 1 | 13808.108 | 1 | 1.480 | ..... | 0.380 | ..... | 13.2 | 6.4 | 345 | |
| 195 | 805 | 1800 | 12 | 3 | 1 | 13808.109 | 1 | 1.490 | ..... | 0.413 | ..... | 8.4 | 4.7 | 345 | 8.4 |
| 196 | 806 | 600 | 12 | 3 | 1 | 13808.1010 | 1 | 1.485 | ..... | 0.396 | ..... | 7.5 | 2.6 | 350 | |
| 197 | 806 | 1800 | 12 | 3 | 1 | 13808.1011 | 1 | 1.480 | ..... | 0.380 | ..... | 4.5 | 2.2 | 350 | |
| 198 | 807 | 600 | 12 | 3 | 1 | 13808.1012 | 1 | 1.470 | ..... | 0.349 | ..... | 8.0 | 4.1 | 350 | |
| 199 | 807 | 1800 | 12 | 3 | 1 | 13808.1013 | 1 | 1.465 | ..... | 0.335 | ..... | 4.2 | 2.3 | 355 | 8.5 |
| 200 | 808 | 600 | 12 | 3 | 1 | 13808.1014 | 1 | 1.460 | ..... | 0.321 | ..... | 7.9 | 3.0 | 360 | |
| 201 | 808 | 1800 | 12 | 3 | 1 | 13808.1015 | 1 | 1.460 | ..... | 0.321 | ..... | 6.1 | 4.3 | 360 | |
| 202 | 809 | 600 | 12 | 3 | 1 | 13808.1016 | 1 | 1.460 | ..... | 0.321 | ..... | 6.7 | 2.3 | 370 | |
| 203 | 809 | 1800 | 12 | 3 | 1 | 13808.1017 | 1 | 1.455 | ..... | 0.308 | ..... | 4.5 | 2.5 | 365 | 8.4 |
| 204 | 810 | 600 | 12 | 3 | 1 | 13808.1018 | 1 | 1.450 | ..... | 0.295 | ..... | 11.6 | 5.7 | 370 | |
| 205 | 810 | 1800 | 12 | 3 | 1 | 13808.1019 | 1 | 1.448 | ..... | 0.290 | ..... | 3.0 | 1.4 | 370 | |
| 206 | 811 | 600 | 12 | 3 | 1 | 13808.1020 | 1 | 1.442 | ..... | 0.275 | ..... | 6.4 | 2.9 | 375 | |
| 207 | 811 | 1800 | 12 | 3 | 1 | 13808.1021 | 1 | 1.440 | ..... | 0.271 | ..... | 3.6 | 1.7 | 350 | |
| 208 | 812 | 600 | 12 | 3 | 1 | 13808.1022 | 1 | 1.445 | ..... | 0.282 | ..... | 6.1 | 2.7 | 350 | 8.3 |
| 209 | 812 | 1800 | 12 | 3 | 1 | 13808.1023 | 1 | 1.442 | ..... | 0.275 | ..... | 6.4 | 2.5 | 350 | |
| 210 | 813 | 600 | 12 | 3 | 1 | 13808.1024 | 1 | 1.440 | ..... | 0.271 | ..... | 10.0 | 2.5 | 360 | |
| 211 | 813 | 1800 | 12 | 3 | 1 | 13808.1025 | 1 | 1.440 | ..... | 0.271 | ..... | 9.6 | 3.0 | 360 | |
| 212 | 814 | 600 | 12 | 3 | 1 | 13808.1026 | 1 | 1.430 | ..... | 0.248 | ..... | 12.8 | 4.8 | 360 | 8.2 |
| 213 | 814 | 1800 | 12 | 3 | 1 | 13808.1027 | 1 | 1.430 | ..... | 0.248 | ..... | 7.7 | 1.9 | 360 | |
| 214 | 815 | 1200 | ..... | 1 | 1 | 13809.1 | 1 | 1.421 | 1 | 0.240 | ..... | 12.5 | 5.2 | 370 | |
| 215 | 815 | 1800 | 12 | 3 | 1 | 13987.101 | 1 | 1.420 | ..... | 0.228 | ..... | 6.0 | 2.4 | 380 | 8.4 |
| 216 | 816 | 600 | 12 | 3 | 1 | 13987.102 | 1 | 1.418 | ..... | 0.224 | ..... | 6.6 | 1.8 | 390 | |
| 217 | 816 | 1800 | 12 | 3 | 1 | 13987.103 | 1 | 1.415 | ..... | 0.218 | ..... | 5.5 | 2.2 | 390 | |
| 218 | 817 | 600 | 12 | 3 | 1 | 13987.104 | 1 | 1.412 | ..... | 0.212 | ..... | 11.3 | 4.3 | 395 | |
| 219 | 817 | 1800 | 12 | 3 | 1 | 13987.105 | 1 | 1.410 | ..... | 0.209 | ..... | 12.6 | 5.3 | 395 | 8.4 |
| 220 | 818 | 600 | 12 | 3 | 1 | 13987.106 | 1 | 1.410 | ..... | 0.209 | ..... | 7.4 | 3.0 | 395 | |
| 221 | 818 | 1800 | 12 | 3 | 1 | 13987.107 | 1 | 1.405 | ..... | 0.200 | ..... | 3.6 | 1.9 | 395 | |
| 222 | 819 | 600 | 12 | 3 | 1 | 13987.108 | 1 | 1.400 | ..... | 0.191 | ..... | 6.9 | 1.6 | 400 | |
| 223 | 819 | 1800 | 12 | 3 | 1 | 13987.109 | 1 | 1.405 | ..... | 0.200 | ..... | 8.3 | 5.1 | 400 | 8.5 |
| 224 | 820 | 600 | 12 | 3 | 1 | 13987.1010 | 1 | 1.400 | ..... | 0.191 | ..... | 9.3 | 4.9 | 400 | |
| 225 | 820 | 1800 | 12 | 3 | 1 | 13987.1011 | 1 | 1.400 | ..... | 0.191 | ..... | 5.5 | 1.7 | 400 | |
| 226 | 821 | 600 | 12 | 3 | 1 | 13987.1012 | 1 | 1.398 | ..... | 0.188 | ..... | 12.2 | 3.3 | 400 | |
| 227 | 821 | 1800 | 12 | 3 | 1 | 13987.1013 | 1 | 1.398 | ..... | 0.188 | ..... | 3.5 | 1.4 | 400 | 8.4 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 822 | 600 | 12 | 3 | 1 | 13987.1014 | 1 | 1.395 | ..... | 0.183 | ..... | 5.5 | 2.8 | 400 | |
| 229 | 822 | 1800 | 12 | 3 | 1 | 13987.1015 | 1 | 1.395 | ..... | 0.183 | ..... | 5.9 | 1.8 | 405 | |
| 230 | 823 | 600 | 12 | 3 | 1 | 13987.1016 | 1 | 1.392 | ..... | 0.178 | ..... | 5.0 | 1.4 | 405 | |
| 231 | 823 | 1800 | 12 | 3 | 1 | 13987.1017 | 1 | 1.392 | ..... | 0.178 | ..... | 4.0 | 2.4 | 405 | 8.4 |
| 232 | 824 | 600 | 12 | 3 | 1 | 13987.1018 | 1 | 1.390 | ..... | 0.175 | ..... | 8.8 | 2.6 | 410 | |
| 233 | 824 | 1800 | 12 | 3 | 1 | 13987.1019 | 1 | 1.398 | ..... | 0.188 | ..... | 4.7 | 1.9 | 405 | |
| 234 | 825 | 600 | 12 | 3 | 1 | 13987.1020 | 1 | 1.395 | ..... | 0.183 | ..... | 5.8 | 2.6 | 410 | |
| 235 | 825 | 1800 | 12 | 3 | 1 | 13987.1021 | 1 | 1.398 | ..... | 0.188 | ..... | 3.1 | 1.6 | 360 | |
| 236 | 826 | 600 | 12 | 3 | 1 | 13987.1022 | 1 | 1.395 | ..... | 0.183 | ..... | 7.7 | 2.9 | 360 | |
| 237 | 826 | 1800 | 12 | 3 | 1 | 13987.1023 | 1 | 1.395 | ..... | 0.183 | ..... | 4.0 | 1.4 | 360 | |
| 238 | 827 | 600 | 12 | 3 | 1 | 13987.1024 | 1 | 1.390 | ..... | 0.175 | ..... | 14.9 | 5.7 | 360 | 8.2 |
| 239 | 827 | 1800 | 12 | 3 | 1 | 13987.1025 | 1 | 1.390 | ..... | 0.175 | ..... | 4.8 | 2.2 | 365 | |
| 240 | 828 | 600 | 12 | 3 | 1 | 13987.1026 | 1 | 1.385 | ..... | 0.167 | ..... | 17.7 | 7.0 | 365 | |
| 241 | 828 | 1800 | 12 | 3 | 1 | 13987.1027 | 1 | 1.385 | ..... | 0.167 | ..... | 4.5 | 1.4 | 370 | |
| 242 | 829 | 600 | 12 | 3 | 1 | 13987.1028 | 1 | 1.380 | ..... | 0.160 | ..... | 19.5 | 7.8 | 370 | 8.1 |
| 243 | 829 | 1432 | ..... | 1 | 1 | 13988.1 | 1 | 1.386 | 1 | 0.202 | ..... | 1.4 | 1.3 | 360 | |
| 244 | 829 | 1800 | 12 | 3 | 1 | 13837.101 | 1 | 1.385 | ..... | 0.167 | ..... | 14.5 | 6.5 | 370 | 8.6 |
| 245 | 830 | 600 | 12 | 3 | 1 | 13837.102 | 1 | 1.380 | ..... | 0.160 | ..... | 26.7 | 18.0 | 365 | |
| 246 | 830 | 1800 | 12 | 3 | 1 | 13837.103 | 1 | 1.385 | ..... | 0.167 | ..... | 15.6 | 4.9 | 370 | |
| 247 | 831 | 600 | 12 | 3 | 1 | 13837.104 | 1 | 1.382 | ..... | 0.163 | ..... | 61.1 | 35.0 | 305 | |
| 248 | 831 | 1800 | 12 | 3 | 1 | 13837.105 | 1 | 1.380 | ..... | 0.160 | ..... | 53.8 | 29.0 | 300 | 8.7 |
| 249 | 901 | 600 | 12 | 3 | 1 | 13837.106 | 1 | 1.380 | ..... | 0.160 | ..... | 24.7 | 17.0 | 365 | |
| 250 | 901 | 1800 | 12 | 3 | 1 | 13837.107 | 1 | 1.380 | ..... | 0.160 | ..... | 15.5 | 12.0 | 370 | |
| 251 | 902 | 600 | 12 | 3 | 1 | 13837.108 | 1 | 1.380 | ..... | 0.160 | ..... | 18.9 | 12.0 | 380 | |
| 252 | 902 | 1800 | 12 | 3 | 1 | 13837.109 | 1 | 1.385 | ..... | 0.167 | ..... | 14.8 | 12.0 | 380 | 8.6 |
| 253 | 903 | 600 | 12 | 3 | 1 | 13837.1010 | 2 | 1.410 | ..... | 0.209 | ..... | 54.1 | 35.0 | 310 | |
| 254 | 903 | 1800 | 12 | 3 | 1 | 13837.1011 | 4 | 1.415 | ..... | 0.218 | ..... | 13.4 | 5.0 | 360 | |
| 255 | 904 | 600 | 12 | 3 | 1 | 13837.1012 | 1 | 1.405 | ..... | 0.200 | ..... | 20.2 | 14.0 | 360 | |
| 256 | 904 | 1800 | 12 | 3 | 1 | 13837.1013 | 2 | 1.490 | ..... | 0.413 | ..... | 28.9 | 27.0 | 455 | 8.6 |
| 257 | 905 | 600 | 12 | 3 | 1 | 13837.1014 | 3 | 1.515 | ..... | 0.507 | ..... | 101.3 | 62.0 | 315 | |
| 258 | 905 | 1800 | 12 | 3 | 1 | 13837.1015 | 4 | 1.490 | ..... | 0.413 | ..... | 32 | 20.0 | 300 | |
| 259 | 906 | 600 | 12 | 3 | 1 | 13837.1016 | 4 | 1.460 | ..... | 0.321 | ..... | 25.5 | 17.0 | 300 | |
| 260 | 906 | 1800 | 12 | 3 | 1 | 13837.1017 | 4 | 1.442 | ..... | 0.275 | ..... | 19.3 | 15.0 | 310 | 8.6 |
| 261 | 907 | 600 | 12 | 3 | 1 | 13837.1018 | 4 | 1.430 | ..... | 0.248 | ..... | 24.5 | 17.0 | 310 | |
| 262 | 907 | 1800 | 12 | 3 | 1 | 13837.1019 | 4 | 1.420 | ..... | 0.228 | ..... | 13 | 5.8 | 320 | |
| 263 | 908 | 600 | 12 | 3 | 1 | 13837.1020 | 1 | 1.410 | ..... | 0.209 | ..... | 24.4 | 14.0 | 330 | |
| 264 | 908 | 1800 | 12 | 3 | 1 | 13837.1021 | 1 | 1.418 | ..... | 0.224 | ..... | 11.3 | 3.2 | 360 | |
| 265 | 909 | 600 | 12 | 3 | 1 | 13837.1022 | 1 | 1.402 | ..... | 0.195 | ..... | 15.7 | 6.5 | 370 | |
| 266 | 909 | 1800 | 12 | 3 | 1 | 13837.1023 | 1 | 1.400 | ..... | 0.191 | ..... | 11.6 | 6.5 | 370 | 8.5 |
| 267 | 910 | 600 | 12 | 3 | 1 | 13837.1024 | 1 | 1.395 | ..... | 0.183 | ..... | 21.2 | 8.3 | 370 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 268 | 910 | 1800 | 12 | 3 | 1 | 13837.1025 | 1 | 1.400 | ..... | 0.191 | ..... | 8.9 | 3.4 | 375 | | | |
| 269 | 911 | 600 | 12 | 3 | 1 | 13837.1026 | 2 | 1.425 | ..... | 0.238 | ..... | 20.0 | 8.8 | 370 | | | |
| 270 | 911 | 1800 | 12 | 3 | 1 | 13837.1027 | 1 | 1.430 | ..... | 0.248 | ..... | 9.9 | 4.3 | 365 | 8.5 | | |
| 271 | 912 | 600 | 12 | 3 | 1 | 13837.1028 | 1 | 1.428 | ..... | 0.244 | ..... | 13.6 | 5.9 | 360 | | | |

TABLE 29
WATER QUALITY DATA FOR EASY CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 16, 1986 - SEPTEMBER 16, 1986

FOREST:ROCKY/CLEARWATER
CREEK: EASY
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: H13 A11 E1 AREA : 1898 HA
LOCATION : 7-25-38-13-W5 LAT/LON: 52 18'/ 115 43'
RATING CURVE: FLOW=.066*STAGE^12.21

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 516 | 1600 | ..... | 1 | 1 | 13830.1 | 1 | 1.110 | ..... | 0.236 | ..... | ..... | ..... | ..... | ..... | 5.9 | 15.4 | 90 | |
| 2 | 517 | 1040 | ..... | 1 | 1 | 13783.1 | 1 | 1.095 | 1 | 0.204 | ..... | ..... | ..... | ..... | ..... | 1.8 | 12.4 | 105 | |
| 3 | 518 | 1630 | ..... | 1 | 1 | 13790.1 | 2 | 1.182 | 1 | 0.595 | ..... | ..... | ..... | ..... | ..... | 68.2 | 46.0 | 85 | |
| 4 | 518 | 1800 | 12 | 3 | 1 | 13799.101 | 3 | 1.197 | ..... | 0.593 | ..... | ..... | ..... | ..... | ..... | 52.8 | 48.0 | 85 | |
| 5 | 519 | 600 | 12 | 3 | 1 | 13799.102 | 1 | 1.182 | ..... | 0.508 | ..... | ..... | ..... | ..... | ..... | 30.4 | 40.0 | 70 | 6.9 |
| 6 | 519 | 1800 | 12 | 3 | 1 | 13799.103 | 3 | 1.240 | ..... | 0.912 | ..... | ..... | ..... | ..... | ..... | 78.9 | 63.0 | 65 | |
| 7 | 520 | 600 | 12 | 3 | 1 | 13799.104 | 1 | 1.230 | ..... | 0.827 | ..... | ..... | ..... | ..... | ..... | 40.8 | 39.0 | 65 | |
| 8 | 520 | 1800 | 12 | 3 | 1 | 13799.105 | 3 | 1.255 | ..... | 1.057 | ..... | ..... | ..... | ..... | ..... | 80.0 | 64.0 | 60 | |
| 9 | 521 | 600 | 12 | 3 | 1 | 13799.106 | 1 | 1.250 | ..... | 1.007 | ..... | ..... | ..... | ..... | ..... | 69.2 | 43.0 | 60 | 6.7 |
| 10 | 521 | 1800 | 12 | 3 | 1 | 13799.107 | 3 | 1.280 | ..... | 1.345 | ..... | ..... | ..... | ..... | ..... | 83.0 | 51.0 | 60 | |
| 11 | 522 | 600 | 12 | 3 | 1 | 13799.108 | 4 | 1.260 | ..... | 1.109 | ..... | ..... | ..... | ..... | ..... | 52.3 | 32.0 | 60 | |
| 12 | 522 | 1800 | 12 | 3 | 1 | 13799.109 | 3 | 1.265 | ..... | 1.164 | ..... | ..... | ..... | ..... | ..... | 61.6 | 44.0 | 60 | |
| 13 | 523 | 1800 | 12 | 3 | 1 | 13799.1010 | 1 | 1.245 | ..... | 0.958 | ..... | ..... | ..... | ..... | ..... | 171.0 | 39.0 | 65 | 6.5 |
| 14 | 524 | 1100 | ..... | 1 | 1 | 13801.1 | 1 | 1.225 | 1 | 0.788 | ..... | ..... | ..... | ..... | ..... | 16.1 | 30.0 | 60 | |
| 15 | 525 | 600 | 12 | 3 | 1 | 13868.101 | 1 | 1.225 | ..... | 0.786 | ..... | ..... | ..... | ..... | ..... | 20.5 | 18.0 | 60 | 6.9 |
| 16 | 525 | 1800 | 12 | 3 | 1 | 13868.102 | 2 | 1.240 | ..... | 0.912 | ..... | ..... | ..... | ..... | ..... | 36.2 | 21.0 | 55 | |
| 17 | 526 | 600 | 12 | 3 | 1 | 13868.103 | 2 | 1.248 | ..... | 0.987 | ..... | ..... | ..... | ..... | ..... | 31.9 | 17.0 | 55 | |
| 18 | 526 | 1800 | 12 | 3 | 1 | 13868.104 | 2 | 1.272 | ..... | 1.245 | ..... | ..... | ..... | ..... | ..... | 72.3 | 26.0 | 50 | |
| 19 | 527 | 600 | 12 | 3 | 1 | 13868.105 | 2 | 1.292 | ..... | 1.507 | ..... | ..... | ..... | ..... | ..... | 74.5 | 41.0 | 50 | 6.9 |
| 20 | 527 | 1800 | 12 | 3 | 1 | 13868.106 | 3 | 1.300 | ..... | 1.625 | ..... | ..... | ..... | ..... | ..... | 67.7 | 40.0 | 50 | |
| 21 | 528 | 600 | 12 | 3 | 1 | 13868.107 | 4 | 1.292 | ..... | 1.507 | ..... | ..... | ..... | ..... | ..... | 40.8 | 32.0 | 50 | |
| 22 | 528 | 1800 | 12 | 3 | 1 | 13868.108 | 4 | 1.285 | ..... | 1.410 | ..... | ..... | ..... | ..... | ..... | 34.6 | 28.0 | 50 | |
| 23 | 529 | 600 | 12 | 3 | 1 | 13868.109 | 4 | 1.272 | ..... | 1.245 | ..... | ..... | ..... | ..... | ..... | 22.1 | 21.0 | 50 | 7.0 |
| 24 | 529 | 1800 | 12 | 3 | 1 | 13868.1010 | 4 | 1.260 | ..... | 1.109 | ..... | ..... | ..... | ..... | ..... | 25.6 | 23.0 | 50 | |
| 25 | 530 | 600 | 12 | 3 | 1 | 13868.1011 | 4 | 1.248 | ..... | 0.987 | ..... | ..... | ..... | ..... | ..... | 16.8 | 18.0 | 50 | |
| 26 | 530 | 1800 | 12 | 3 | 1 | 13868.1012 | 4 | 1.238 | ..... | 0.895 | ..... | ..... | ..... | ..... | ..... | 23.5 | 20.0 | 55 | |
| 27 | 531 | 600 | 12 | 3 | 1 | 13868.1013 | 4 | 1.228 | ..... | 0.810 | ..... | ..... | ..... | ..... | ..... | 16.3 | 18.0 | 55 | 7.0 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 531 | 1800 | 12 | 3 | 1 | 13868.1014 | 4 | 1.220 | .... | 0.748 | ..... | | | 15.2 | 16.0 | 55 | |
| 29 | 601 | 600 | 12 | 3 | 1 | 13868.1015 | 1 | 1.210 | .... | 0.677 | ..... | | | 28.7 | 16.0 | 55 | |
| 30 | 601 | 1100 | ..... | 1 | 1 | 13824.1 | 1 | 1.219 | 1 | 0.663 | ..... | | | 7.9 | 14.0 | 50 | |
| 31 | 601 | 1800 | 12 | 3 | 1 | 13868.1016 | 1 | 1.205 | .... | 0.643 | ..... | | | 15.2 | 16.0 | 55 | |
| 32 | 602 | 600 | 12 | 3 | 1 | 13868.1017 | 1 | 1.200 | .... | 0.611 | ..... | | | 4.3 | 14.0 | 60 | 7.0 |
| 33 | 602 | 1800 | 12 | 3 | 1 | 13868.1018 | 1 | 1.190 | .... | 0.552 | ..... | | | 10.0 | 13.0 | 60 | |
| 34 | 603 | 600 | 12 | 3 | 1 | 13868.1019 | 1 | 1.187 | .... | 0.535 | ..... | | | 8.6 | 13.0 | 60 | |
| 35 | 603 | 1800 | 12 | 3 | 1 | 13868.1020 | 1 | 1.180 | .... | 0.498 | ..... | | | 7.2 | 13.0 | 60 | |
| 36 | 604 | 600 | 12 | 3 | 1 | 13868.1021 | 1 | 1.175 | .... | 0.473 | ..... | | | 4.9 | 12.0 | 60 | 7.2 |
| 37 | 604 | 1800 | 12 | 3 | 1 | 13868.1022 | 1 | 1.170 | .... | 0.449 | ..... | | | 6.8 | 14.0 | 60 | |
| 38 | 605 | 600 | 12 | 3 | 1 | 13868.1023 | 1 | 1.165 | .... | 0.426 | ..... | | | 5.7 | 13.0 | 55 | |
| 39 | 605 | 1600 | ..... | 1 | 1 | 13869.1 | 1 | 1.170 | .... | 0.449 | ..... | | | 2.9 | 14.0 | 60 | |
| 40 | 605 | 1800 | 12 | 3 | 1 | 13889.101 | 1 | 1.160 | .... | 0.404 | ..... | | | 3.9 | 8.2 | 65 | 6.8 |
| 41 | 606 | 600 | 12 | 3 | 1 | 13889.102 | 1 | 1.155 | .... | 0.383 | ..... | | | 6.4 | 8.9 | 65 | |
| 42 | 606 | 1800 | 12 | 3 | 1 | 13889.103 | 1 | 1.155 | .... | 0.383 | ..... | | | 5.2 | 8.9 | 60 | |
| 43 | 607 | 600 | 12 | 3 | 1 | 13889.104 | 1 | 1.150 | .... | 0.364 | ..... | | | 7.4 | 9.0 | 65 | |
| 44 | 607 | 1800 | 12 | 3 | 1 | 13889.105 | 1 | 1.145 | .... | 0.345 | ..... | | | 6.4 | 8.5 | 65 | 7.1 |
| 45 | 608 | 600 | 12 | 3 | 1 | 13889.106 | 1 | 1.145 | .... | 0.345 | ..... | | | 4.5 | 8.1 | 65 | |
| 46 | 608 | 1800 | 12 | 3 | 1 | 13889.107 | 1 | 1.145 | .... | 0.345 | ..... | | | 6.1 | 8.1 | 60 | |
| 47 | 609 | 600 | 12 | 3 | 1 | 13889.108 | 1 | 1.150 | .... | 0.364 | ..... | | | 6.8 | 8.0 | 70 | |
| 48 | 609 | 1800 | 12 | 3 | 1 | 13889.109 | 1 | 1.140 | .... | 0.327 | ..... | | | 5.2 | 8.4 | 70 | 7.1 |
| 49 | 610 | 600 | 12 | 3 | 1 | 13889.1010 | 1 | 1.140 | .... | 0.327 | ..... | | | 6.1 | 8.6 | 70 | |
| 50 | 610 | 1800 | 12 | 3 | 1 | 13889.1011 | 1 | 1.138 | .... | 0.320 | ..... | | | 6.6 | 8.0 | 65 | |
| 51 | 611 | 600 | 12 | 3 | 1 | 13889.1012 | 1 | 1.138 | .... | 0.320 | ..... | | | 4.3 | 8.3 | 65 | |
| 52 | 611 | 1800 | 12 | 3 | 1 | 13889.1013 | 1 | 1.138 | .... | 0.320 | ..... | | | 4.2 | 8.3 | 70 | 7.1 |
| 53 | 612 | 600 | 12 | 3 | 1 | 13889.1014 | 1 | 1.180 | .... | 0.498 | ..... | | | 7.0 | 9.0 | 70 | |
| 54 | 612 | 1800 | 12 | 3 | 1 | 13889.1015 | 1 | 1.120 | .... | 0.263 | ..... | | | 3.8 | 8.2 | 70 | |
| 55 | 613 | 600 | 12 | 3 | 1 | 13889.1016 | 1 | 1.118 | .... | 0.258 | ..... | | | 5.6 | 8.2 | 70 | |
| 56 | 613 | 1800 | 12 | 3 | 1 | 13889.1017 | 1 | 1.115 | .... | 0.249 | ..... | | | 5.4 | 8.5 | 70 | 7.2 |
| 57 | 614 | 600 | 12 | 3 | 1 | 13889.1018 | 1 | 1.115 | .... | 0.249 | ..... | | | 8.3 | 8.5 | 70 | |
| 58 | 614 | 1630 | ..... | 1 | 1 | 13881.1 | 1 | 1.115 | 1 | 0.228 | ..... | | | 2.0 | 7.7 | 70 | |
| 59 | 614 | 1800 | 12 | 3 | 1 | 13889.1019 | 1 | 1.115 | .... | 0.249 | ..... | | | 3.3 | 8.1 | 70 | |
| 60 | 615 | 600 | 12 | 3 | 1 | 13889.1020 | 1 | 1.140 | .... | 0.327 | ..... | | | 4.2 | 9.0 | 70 | |
| 61 | 615 | 1800 | 12 | 3 | 1 | 13889.1021 | 1 | 1.120 | .... | 0.263 | ..... | | | 2.1 | 8.8 | 70 | 6.8 |
| 62 | 616 | 600 | 12 | 3 | 1 | 13889.1022 | 1 | 1.118 | .... | 0.258 | ..... | | | 2.2 | 8.2 | 70 | |
| 63 | 616 | 1800 | 12 | 3 | 1 | 13889.1023 | 1 | 1.120 | .... | 0.263 | ..... | | | 4.6 | 8.2 | 70 | |
| 64 | 617 | 600 | 12 | 3 | 1 | 13889.1024 | 1 | 1.120 | .... | 0.263 | ..... | | | 2.7 | 8.1 | 70 | |
| 65 | 617 | 1800 | 12 | 3 | 1 | 13889.1025 | 1 | 1.110 | .... | 0.236 | ..... | | | 4.1 | 8.5 | 70 | 7.0 |
| 66 | 618 | 600 | 12 | 3 | 1 | 13889.1026 | 1 | 1.110 | .... | 0.236 | ..... | | | 4.3 | 8.7 | 70 | |
| 67 | 618 | 1800 | 12 | 3 | 1 | 13889.1027 | 1 | 1.110 | .... | 0.236 | ..... | | | 8.7 | 8.6 | 60 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 619 | 600 | 12 | 3 | 1 | 13889.1028 | 2 | 1.120 | ..... | 0.263 | ..... | | 15.8 | 8.6 | 70 | |
| 69 | 619 | 1632 | ..... | 1 | 1 | 13890.1 | 4 | 1.139 | 1 | 0.333 | 0.333 | ..... | 89.9 | 23.0 | 70 | 7.0 |
| 70 | 619 | 1800 | 12 | 3 | 1 | 13906.101 | 4 | 1.135 | ..... | 0.310 | ..... | | 12.1 | 14.0 | 70 | 7.3 |
| 71 | 620 | 600 | 12 | 3 | 1 | 13906.102 | 1 | 1.128 | ..... | 0.287 | ..... | | 6.1 | 13.0 | 70 | |
| 72 | 620 | 1800 | 12 | 3 | 1 | 13906.103 | 1 | 1.130 | ..... | 0.294 | ..... | | 11.5 | 16.0 | 70 | |
| 73 | 621 | 600 | 12 | 3 | 1 | 13906.104 | 1 | 1.130 | ..... | 0.294 | ..... | | 6.8 | 13.0 | 65 | |
| 74 | 621 | 1800 | 12 | 3 | 1 | 13906.105 | 1 | 1.130 | ..... | 0.294 | ..... | | 6.3 | 14.0 | 65 | 7.3 |
| 75 | 622 | 600 | 12 | 3 | 1 | 13906.106 | 1 | 1.130 | ..... | 0.294 | ..... | | 8.3 | 15.0 | 65 | |
| 76 | 622 | 1800 | 12 | 3 | 1 | 13906.107 | 1 | 1.128 | ..... | 0.287 | ..... | | 6.0 | 13.0 | 65 | |
| 77 | 623 | 600 | 12 | 3 | 1 | 13906.108 | 1 | 1.125 | ..... | 0.278 | ..... | | 5.2 | 13.0 | 65 | |
| 78 | 623 | 1800 | 12 | 3 | 1 | 13906.109 | 1 | 1.120 | ..... | 0.263 | ..... | | 8.3 | 14.0 | 65 | 7.3 |
| 79 | 624 | 600 | 12 | 3 | 1 | 13906.1010 | 1 | 1.120 | ..... | 0.263 | ..... | | 7.2 | 15.0 | 70 | |
| 80 | 624 | 1800 | 12 | 3 | 1 | 13906.1011 | 1 | 1.118 | ..... | 0.258 | ..... | | 10.5 | 14.0 | 70 | |
| 81 | 625 | 600 | 12 | 3 | 1 | 13906.1012 | 1 | 1.115 | ..... | 0.249 | ..... | | 5.5 | 12.0 | 70 | |
| 82 | 625 | 1800 | 12 | 3 | 1 | 13906.1013 | 1 | 1.110 | ..... | 0.236 | ..... | | 6.0 | 13.0 | 70 | 7.4 |
| 83 | 626 | 600 | 12 | 3 | 1 | 13906.1014 | 1 | 1.112 | ..... | 0.241 | ..... | | 5.3 | 13.0 | 70 | |
| 84 | 626 | 1800 | 12 | 3 | 1 | 13906.1015 | 1 | 1.105 | ..... | 0.223 | ..... | | 5.3 | 12.0 | 70 | |
| 85 | 627 | 600 | 12 | 3 | 1 | 13906.1016 | 1 | 1.105 | ..... | 0.223 | ..... | | 6.0 | 13.0 | 70 | |
| 86 | 627 | 1800 | 12 | 3 | 1 | 13906.1017 | 1 | 1.102 | ..... | 0.216 | ..... | | 7.2 | 14.0 | 70 | 7.3 |
| 87 | 628 | 600 | 12 | 3 | 1 | 13906.1018 | 1 | 1.100 | ..... | 0.211 | ..... | | 6.4 | 12.0 | 70 | |
| 88 | 628 | 1800 | 12 | 3 | 1 | 13906.1019 | 1 | 1.099 | ..... | 0.209 | ..... | | 6.3 | 11.0 | 70 | |
| 89 | 629 | 600 | 12 | 3 | 1 | 13906.1020 | 2 | 1.100 | ..... | 0.211 | ..... | | 6.7 | 12.0 | 75 | |
| 90 | 629 | 1800 | 2 | 3 | 1 | 13915.101 | 2 | 1.160 | ..... | 0.404 | ..... | | 4.9 | 17.0 | 70 | 6.7 |
| 91 | 629 | 2000 | 2 | 3 | 1 | 13915.102 | 2 | 1.160 | ..... | 0.404 | ..... | | 5.5 | 14.0 | 70 | |
| 92 | 629 | 2200 | 2 | 3 | 1 | 13915.103 | 2 | 1.165 | ..... | 0.426 | ..... | | 15.9 | 18.0 | 70 | |
| 93 | 629 | 2400 | 2 | 3 | 1 | 13915.104 | 2 | 1.165 | ..... | 0.426 | ..... | | 14.3 | 20.0 | 70 | |
| 94 | 630 | 200 | 2 | 3 | 1 | 13915.105 | 2 | 1.165 | ..... | 0.426 | ..... | | 11.9 | 18.0 | 70 | 7.0 |
| 95 | 630 | 400 | 2 | 3 | 1 | 13915.106 | 2 | 1.170 | ..... | 0.449 | ..... | | 11.4 | 18.0 | 70 | |
| 96 | 630 | 600 | 2 | 3 | 1 | 13915.107 | 2 | 1.180 | ..... | 0.498 | ..... | | 20.3 | 22.0 | 70 | |
| 97 | 630 | 800 | 2 | 3 | 1 | 13915.108 | 2 | 1.230 | ..... | 0.827 | ..... | | 30.8 | 22.0 | 65 | |
| 98 | 630 | 1000 | 2 | 3 | 1 | 13915.109 | 2 | 1.240 | ..... | 0.912 | ..... | | 30.6 | 28.0 | 60 | 7.0 |
| 99 | 630 | 1200 | 2 | 3 | 1 | 13905.1010 | 2 | 1.250 | ..... | 1.007 | ..... | | 35.7 | 31.0 | 60 | |
| 100 | 630 | 1400 | 2 | 3 | 1 | 13915.1011 | 2 | 1.255 | ..... | 1.057 | ..... | | 29.7 | 30.0 | 60 | |
| 101 | 630 | 1600 | 2 | 3 | 1 | 13915.1012 | 2 | 1.260 | ..... | 1.109 | ..... | | 27.2 | 30.0 | 55 | |
| 102 | 630 | 1800 | 2 | 3 | 1 | 13915.1013 | 2 | 1.268 | ..... | 1.198 | ..... | | 21.0 | 28.0 | 55 | 7.0 |
| 103 | 630 | 2000 | 2 | 3 | 1 | 13915.1014 | 2 | 1.285 | ..... | 1.410 | ..... | | 34.7 | 31.0 | 50 | |
| 104 | 630 | 2200 | 2 | 3 | 1 | 13915.1015 | 2 | 1.295 | ..... | 1.550 | ..... | | 45.3 | 36.0 | 50 | |
| 105 | 630 | 2400 | 2 | 3 | 1 | 13915.1016 | 2 | 1.295 | ..... | 1.550 | ..... | | 31.3 | 38.0 | 50 | |
| 106 | 701 | 200 | 2 | 3 | 1 | 13915.1017 | 2 | 1.295 | ..... | 1.550 | ..... | | 28.8 | 33.0 | 50 | 7.0 |
| 107 | 701 | 400 | 2 | 3 | 1 | 13915.1018 | 3 | 1.298 | ..... | 1.595 | ..... | | 26.4 | 30.0 | 50 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 701 | 600 | 2 | 3 | 1 | 13915.1019 | 3 | 1.298 | ..... | 1.595 | ..... | 25.1 | 31.0 | 50 | |
| 109 | 701 | 800 | 2 | 3 | 1 | 13915.1020 | 3 | 1.298 | ..... | 1.595 | ..... | 27.9 | 30.0 | 50 | |
| 110 | 701 | 1000 | 2 | 3 | 1 | 13915.1021 | 3 | 1.298 | ..... | 1.595 | ..... | 20.5 | 23.0 | 50 | 7.3 |
| 111 | 701 | 1200 | 2 | 3 | 1 | 13915.1022 | 3 | 1.298 | ..... | 1.595 | ..... | 24.6 | 26.0 | 50 | |
| 112 | 701 | 1400 | 2 | 3 | 1 | 13915.1023 | 4 | 1.297 | ..... | 1.580 | ..... | 18.6 | 24.0 | 50 | |
| 113 | 701 | 1600 | 2 | 3 | 1 | 13915.1024 | 4 | 1.295 | ..... | 1.550 | ..... | 19.6 | 25.0 | 50 | |
| 114 | 701 | 1800 | 2 | 3 | 1 | 13915.1025 | 4 | 1.295 | ..... | 1.550 | ..... | 21.8 | 25.0 | 50 | 7.1 |
| 115 | 701 | 2000 | 2 | 3 | 1 | 13915.1026 | 4 | 1.292 | ..... | 1.507 | ..... | 19.5 | 25.0 | 50 | |
| 116 | 701 | 2200 | 2 | 3 | 1 | 13915.1027 | 4 | 0.129 | ..... | 0.000 | ..... | 18.2 | 23.0 | 50 | |
| 117 | 701 | 2400 | 2 | 3 | 1 | 13915.1028 | 4 | 1.289 | ..... | 1.465 | ..... | 17.4 | 23.0 | 50 | |
| 118 | 704 | 930 | ..... | 1 | 1 | 13916.1 | 4 | 1.212 | ..... | 0.690 | ..... | 4.8 | 18.0 | 50 | |
| 119 | 704 | 1800 | 12 | 3 | 1 | 13926.101 | 4 | 1.205 | ..... | 0.643 | ..... | 4.9 | 15.0 | 60 | 7.1 |
| 120 | 705 | 600 | 12 | 3 | 1 | 13926.102 | 3 | 1.248 | ..... | 0.987 | ..... | 15.4 | 18.0 | 60 | |
| 121 | 705 | 1800 | 12 | 3 | 1 | 13926.103 | 1 | 1.242 | ..... | 0.931 | ..... | 9.6 | 17.0 | 65 | |
| 122 | 706 | 600 | 12 | 3 | 1 | 13926.104 | 1 | 1.242 | ..... | 0.931 | ..... | 23.3 | 20.0 | 60 | |
| 123 | 706 | 1800 | 12 | 3 | 1 | 13926.105 | 1 | 1.245 | ..... | 0.958 | ..... | 9.0 | 18.0 | 60 | 7.1 |
| 124 | 707 | 600 | 12 | 3 | 1 | 13926.106 | 1 | 1.270 | ..... | 1.222 | ..... | 13.1 | 20.0 | 60 | |
| 125 | 707 | 1800 | 12 | 3 | 1 | 13926.107 | 1 | 1.280 | ..... | 1.345 | ..... | 19.5 | 21.0 | 60 | |
| 126 | 708 | 600 | 12 | 3 | 1 | 13926.108 | 1 | 1.275 | ..... | 1.282 | ..... | 13.5 | 19.0 | 60 | |
| 127 | 708 | 1340 | ..... | 1 | 1 | 13927.1 | 1 | 1.268 | ..... | 1.198 | ..... | 9.8 | 18.0 | 50 | |
| 128 | 708 | 1800 | 12 | 3 | 1 | 13939.101 | 1 | 1.275 | ..... | 1.282 | ..... | 11.8 | 17.0 | 50 | |
| 129 | 709 | 600 | 12 | 3 | 1 | 13939.102 | 1 | 1.260 | ..... | 1.109 | ..... | 22.3 | 16.0 | 55 | |
| 130 | 709 | 1800 | 12 | 3 | 1 | 13939.103 | 1 | 1.255 | ..... | 1.057 | ..... | 10.6 | 17.0 | 55 | |
| 131 | 710 | 600 | 12 | 3 | 1 | 13939.104 | 4 | 1.245 | ..... | 0.958 | ..... | 7.3 | 16.0 | 55 | |
| 132 | 710 | 1800 | 12 | 3 | 1 | 13939.105 | 4 | 1.232 | ..... | 0.843 | ..... | 6.5 | 14.0 | 55 | |
| 133 | 711 | 600 | 12 | 3 | 1 | 13939.106 | 4 | 1.228 | ..... | 0.810 | ..... | 5.9 | 15.0 | 60 | |
| 134 | 711 | 1015 | ..... | 1 | 1 | 13930.1 | 4 | 1.219 | ..... | 0.741 | ..... | 3.5 | 16.0 | 55 | |
| 135 | 711 | 1800 | 12 | 3 | 1 | 13939.107 | 4 | 1.215 | ..... | 0.712 | ..... | 9.3 | 16.0 | 60 | |
| 136 | 712 | 600 | 12 | 3 | 1 | 13939.108 | 4 | 1.205 | ..... | 0.643 | ..... | 5.4 | 12.0 | 60 | |
| 137 | 712 | 1800 | 12 | 3 | 1 | 13939.109 | 4 | 1.192 | ..... | 0.563 | ..... | 10.5 | 15.0 | 60 | |
| 138 | 713 | 600 | 12 | 3 | 1 | 13939.1010 | 4 | 1.175 | ..... | 0.473 | ..... | 5.6 | 12.0 | 60 | |
| 139 | 713 | 1800 | 12 | 3 | 1 | 13939.1011 | 4 | 1.165 | ..... | 0.426 | ..... | 6.3 | 13.0 | 60 | |
| 140 | 714 | 600 | 12 | 3 | 1 | 13939.1012 | 1 | 1.160 | ..... | 0.404 | ..... | 8.9 | 15.0 | 60 | |
| 141 | 714 | 1800 | 12 | 3 | 1 | 13939.1013 | 1 | 1.155 | ..... | 0.383 | ..... | 13.0 | 15.0 | 60 | |
| 142 | 715 | 600 | 12 | 3 | 1 | 13939.1014 | 1 | 1.150 | ..... | 0.364 | ..... | 8.4 | 13.0 | 60 | |
| 143 | 715 | 1800 | 12 | 3 | 1 | 13939.1015 | 1 | 1.148 | ..... | 0.356 | ..... | 8.1 | 13.0 | 60 | |
| 144 | 716 | 600 | 12 | 3 | 1 | 13939.1016 | 1 | 1.142 | ..... | 0.334 | ..... | 9.2 | 13.0 | 60 | |
| 145 | 716 | 1235 | ..... | 1 | 1 | 13938.1 | 1 | 1.135 | ..... | 0.310 | ..... | 4.3 | 13.0 | 65 | |
| 146 | 716 | 1800 | 12 | 3 | 1 | 13959.101 | 1 | 1.140 | ..... | 0.327 | ..... | 10.3 | 17.0 | 70 | 7.2 |
| 147 | 717 | 600 | 12 | 3 | 1 | 13959.102 | 2 | 1.240 | ..... | 0.912 | ..... | 75.3 | 37.0 | 65 | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 717 | 1800 | 12 | 3 | 1 | 13959.103 | 2 | 1.680 | .....37.202 | ..... | 708.5 | 150.0 | 50 | |
| 149 | 718 | 600 | 12 | 3 | 1 | 13959.104 | 4 | 1.660 | .....32.141 | ..... | 343.2 | 130.0 | 50 | |
| 150 | 718 | 1800 | 12 | 3 | 1 | 13959.105 | 4 | 1.575 | .....16.918 | ..... | 312.7 | 94.0 | 50 | 7.2 |
| 151 | 719 | 1800 | 12 | 3 | 1 | 13959.106 | 4 | 1.455 | ..... 6.428 | ..... | 89.1 | 59.0 | 50 | |
| 152 | 720 | 600 | 12 | 3 | 1 | 13959.107 | 4 | 1.385 | ..... 3.521 | ..... | 44.1 | 41.0 | 50 | |
| 153 | 720 | 1000 | ..... | 1 | 1 | 13943.1 | 4 | 1.365 | ..... 2.948 | ..... | 15.9 | 17.0 | 85 | |
| 154 | 720 | 1800 | 12 | 3 | 1 | 13959.108 | 4 | 1.335 | ..... 2.247 | ..... | 40.3 | 37.0 | 50 | |
| 155 | 721 | 600 | 12 | 3 | 1 | 13959.109 | 4 | 1.300 | ..... 1.625 | ..... | 25.5 | 34.0 | 55 | 7.1 |
| 156 | 721 | 1800 | 12 | 3 | 1 | 13959.1010 | 4 | 1.275 | ..... 1.282 | ..... | 19.4 | 31.0 | 65 | |
| 157 | 724 | 1800 | 12 | 3 | 1 | 13959.1011 | 1 | 1.200 | ..... 0.611 | ..... | 10.8 | 22.0 | 60 | |
| 158 | 725 | 600 | 12 | 3 | 1 | 13959.1012 | 1 | 1.192 | ..... 0.563 | ..... | 9.1 | 21.0 | 60 | |
| 159 | 725 | 1800 | 12 | 3 | 1 | 13959.1013 | 1 | 1.190 | ..... 0.552 | ..... | 10.1 | 20.0 | 60 | 7.3 |
| 160 | 726 | 600 | 12 | 3 | 1 | 13959.1014 | 1 | 1.180 | ..... 0.498 | ..... | 7.2 | 18.0 | 65 | |
| 161 | 726 | 1800 | 12 | 3 | 1 | 13959.1015 | 1 | 1.185 | ..... 0.524 | ..... | 6.9 | 20.0 | 65 | |
| 162 | 727 | 600 | 12 | 3 | 1 | 13959.1016 | 1 | 1.175 | ..... 0.473 | ..... | 5.7 | 17.0 | 65 | |
| 163 | 727 | 1800 | 12 | 3 | 1 | 13959.1017 | 1 | 1.165 | ..... 0.426 | ..... | 10.3 | 21.0 | 70 | 7.1 |
| 164 | 728 | 600 | 12 | 3 | 1 | 13959.1018 | 1 | 1.160 | ..... 0.404 | ..... | 5.3 | 17.0 | 65 | |
| 165 | 728 | 1800 | 12 | 3 | 1 | 13959.1019 | 1 | 1.155 | ..... 0.383 | ..... | 3.9 | 18.0 | 65 | |
| 166 | 729 | 600 | 12 | 3 | 1 | 13955.101 | 1 | 1.155 | ..... 0.383 | ..... | 6.0 | 18.0 | 110 | 7.2 |
| 167 | 729 | 1800 | 12 | 3 | 1 | 13955.102 | 1 | 1.155 | ..... 0.383 | ..... | 5.4 | 17.0 | 70 | |
| 168 | 730 | 600 | 12 | 3 | 1 | 13955.103 | 1 | 1.150 | ..... 0.364 | ..... | 6.3 | 18.0 | 70 | |
| 169 | 730 | 1800 | 12 | 3 | 1 | 13955.104 | 1 | 1.140 | ..... 0.327 | ..... | 7.9 | 19.0 | 70 | |
| 170 | 731 | 600 | 12 | 3 | 1 | 13955.105 | 1 | 1.138 | ..... 0.320 | ..... | 9.5 | 20.0 | 70 | 7.2 |
| 171 | 731 | 1800 | 12 | 3 | 1 | 13955.106 | 1 | 1.130 | ..... 0.294 | ..... | 5.6 | 17.0 | 70 | |
| 172 | 801 | 600 | 12 | 3 | 1 | 13955.107 | 1 | 1.130 | ..... 0.294 | ..... | 4.4 | 17.0 | 70 | |
| 173 | 801 | 1800 | 12 | 3 | 1 | 13955.108 | 1 | 1.122 | ..... 0.269 | ..... | 8.4 | 19.0 | 70 | |
| 174 | 802 | 600 | 12 | 3 | 1 | 13955.109 | 1 | 1.120 | ..... 0.263 | ..... | 9.0 | 22.0 | 70 | 7.2 |
| 175 | 802 | 1800 | 12 | 3 | 1 | 13955.1010 | 1 | 1.118 | ..... 0.258 | ..... | 5.7 | 19.0 | 70 | |
| 176 | 803 | 600 | 12 | 3 | 1 | 13955.1011 | 1 | 1.115 | ..... 0.249 | ..... | 7.5 | 19.0 | 70 | |
| 177 | 803 | 1800 | 12 | 3 | 1 | 13955.1012 | 1 | 1.115 | ..... 0.249 | ..... | 19.2 | 22.0 | 70 | |
| 178 | 804 | 600 | 12 | 3 | 1 | 13955.1013 | 1 | 1.115 | ..... 0.249 | ..... | 14.1 | 21.0 | 70 | 7.2 |
| 179 | 804 | 1033 | ..... | 1 | 1 | 13963.1 | 1 | 1.110 | 1 0.261 | ..... | 1.8 | 17.0 | 75 | |
| 180 | 804 | 1800 | 12 | 3 | 1 | 13955.1014 | 1 | 1.110 | ..... 0.236 | ..... | 8.8 | 18.0 | 70 | |
| 181 | 805 | 600 | 12 | 3 | 1 | 13955.1015 | 1 | 1.105 | ..... 0.223 | ..... | 8.2 | 19.0 | 75 | |
| 182 | 805 | 1800 | 12 | 3 | 1 | 13955.1016 | 1 | 1.105 | ..... 0.223 | ..... | 6.0 | 17.0 | 75 | |
| 183 | 806 | 600 | 12 | 3 | 1 | 13955.1017 | 1 | 1.110 | ..... 0.236 | ..... | 6.1 | 18.0 | 75 | 7.2 |
| 184 | 806 | 1800 | 12 | 3 | 1 | 13955.1018 | 1 | 1.100 | ..... 0.211 | ..... | 5.8 | 16.0 | 75 | |
| 185 | 807 | 600 | 12 | 3 | 1 | 13955.1019 | 1 | 1.097 | ..... 0.204 | ..... | 8.2 | 18.0 | 80 | |
| 186 | 807 | 1800 | 12 | 3 | 1 | 13955.1020 | 1 | 1.090 | ..... 0.189 | ..... | 9.3 | 18.0 | 90 | |
| 187 | 808 | 600 | 12 | 3 | 1 | 13955.1021 | 1 | 1.090 | ..... 0.189 | ..... | 5.6 | 14.0 | 80 | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 808 | 1800 | 12 | 3 | 1 | 13955.1022 | 1 | 1.090 | ..... | 0.189 | ..... | 4.8 | 13.0 | 80 | |
| 189 | 809 | 600 | 12 | 3 | 1 | 13955.1023 | 1 | 1.090 | ..... | 0.189 | ..... | 6.2 | 14.0 | 80 | |
| 190 | 809 | 1800 | 12 | 3 | 1 | 13955.1024 | 1 | 1.085 | ..... | 0.179 | ..... | 7.1 | 13.0 | 80 | |
| 191 | 810 | 600 | 12 | 3 | 1 | 13955.1025 | 1 | 1.085 | ..... | 0.179 | ..... | 4.2 | 12.0 | 80 | |
| 192 | 810 | 1530 | ..... | 1 | 1 | 13954.1 | 1 | 1.077 | 1 | 0.154 | ..... | 1.0 | 12.0 | 80 | |
| 193 | 810 | 1800 | 12 | 3 | 1 | 13979.101 | 1 | 1.080 | ..... | 0.169 | ..... | 7.9 | 12.0 | 80 | 7.3 |
| 194 | 811 | 600 | 12 | 3 | 1 | 13979.102 | 1 | 1.080 | ..... | 0.169 | ..... | 8.1 | 12.0 | 80 | |
| 195 | 811 | 1800 | 12 | 3 | 1 | 13979.103 | 1 | 1.080 | ..... | 0.169 | ..... | 7.9 | 12.0 | 80 | |
| 196 | 812 | 600 | 12 | 3 | 1 | 13979.104 | 1 | 1.080 | ..... | 0.169 | ..... | 5.4 | 11.0 | 85 | |
| 197 | 812 | 1800 | 12 | 3 | 1 | 13979.105 | 1 | 1.080 | ..... | 0.169 | ..... | 9.7 | 13.0 | 85 | 7.4 |
| 198 | 813 | 600 | 12 | 3 | 1 | 13979.106 | 1 | 1.075 | ..... | 0.160 | ..... | 4.9 | 10.0 | 85 | |
| 199 | 813 | 1800 | 12 | 3 | 1 | 13979.107 | 1 | 1.070 | ..... | 0.151 | ..... | 6.1 | 10.0 | 85 | |
| 200 | 814 | 600 | 12 | 3 | 1 | 13979.108 | 1 | 1.070 | ..... | 0.151 | ..... | 6.4 | 11.0 | 85 | |
| 201 | 814 | 1800 | 12 | 3 | 1 | 13979.109 | 1 | 1.065 | ..... | 0.142 | ..... | 7.3 | 12.0 | 90 | 7.3 |
| 202 | 815 | 600 | 12 | 3 | 1 | 13979.1010 | 1 | 1.065 | ..... | 0.142 | ..... | 8.4 | 12.0 | 90 | |
| 203 | 815 | 1800 | 12 | 3 | 1 | 13979.1011 | 1 | 1.065 | ..... | 0.142 | ..... | 5.8 | 10.0 | 90 | |
| 204 | 816 | 600 | 12 | 3 | 1 | 13979.1012 | 1 | 1.062 | ..... | 0.138 | ..... | 10.3 | 10.0 | 90 | |
| 205 | 816 | 1800 | 12 | 3 | 1 | 13979.1013 | 1 | 1.060 | ..... | 0.134 | ..... | 10.9 | 10.0 | 90 | 7.4 |
| 206 | 817 | 600 | 12 | 3 | 1 | 13979.1014 | 1 | 1.060 | ..... | 0.134 | ..... | 6.1 | 9.3 | 90 | |
| 207 | 817 | 1800 | 12 | 3 | 1 | 13979.1015 | 1 | 1.055 | ..... | 0.127 | ..... | 5.5 | 7.9 | 90 | |
| 208 | 818 | 600 | 12 | 3 | 1 | 13979.1016 | 1 | 1.055 | ..... | 0.127 | ..... | 4.5 | 9.1 | 90 | |
| 209 | 818 | 1800 | 12 | 3 | 1 | 13979.1017 | 1 | 1.050 | ..... | 0.120 | ..... | 9.4 | 9.1 | 90 | 7.3 |
| 210 | 819 | 600 | 12 | 3 | 1 | 13979.1018 | 1 | 1.050 | ..... | 0.120 | ..... | 7.0 | 8.4 | 90 | |
| 211 | 819 | 1800 | 12 | 3 | 1 | 13979.1019 | 1 | 1.050 | ..... | 0.120 | ..... | 6.3 | 8.4 | 90 | |
| 212 | 820 | 600 | 12 | 3 | 1 | 13979.1020 | 1 | 1.050 | ..... | 0.120 | ..... | 7.1 | 7.4 | 90 | |
| 213 | 820 | 1800 | 12 | 3 | 1 | 13979.1021 | 1 | 1.042 | ..... | 0.109 | ..... | 4.8 | 6.2 | 95 | |
| 214 | 821 | 600 | 12 | 3 | 1 | 13979.1022 | 1 | 1.040 | ..... | 0.107 | ..... | 4.6 | 7.5 | 90 | 7.4 |
| 215 | 821 | 1800 | 12 | 3 | 1 | 13979.1023 | 1 | 1.035 | ..... | 0.100 | ..... | 4.5 | 8.0 | 90 | |
| 216 | 822 | 600 | 12 | 3 | 1 | 13979.1024 | 1 | 1.037 | ..... | 0.103 | ..... | 3.8 | 7.6 | 90 | |
| 217 | 824 | 1045 | ..... | 1 | 1 | 13980.1 | 1 | 1.027 | ..... | 0.091 | ..... | 1.3 | 8.3 | 95 | |
| 218 | 824 | 1800 | 12 | 3 | 1 | 13994.101 | 1 | 1.050 | ..... | 0.120 | ..... | 4.6 | 7.3 | 95 | 7.1 |
| 219 | 825 | 600 | 12 | 3 | 1 | 13994.102 | 1 | 1.040 | ..... | 0.107 | ..... | 3.3 | 7.2 | 95 | |
| 220 | 825 | 1800 | 12 | 3 | 1 | 13994.103 | 1 | 1.040 | ..... | 0.107 | ..... | 3.3 | 6.5 | 95 | |
| 221 | 826 | 600 | 12 | 3 | 1 | 13994.104 | 1 | 1.035 | ..... | 0.100 | ..... | 4.6 | 8.2 | 100 | |
| 222 | 826 | 1800 | 12 | 3 | 1 | 13994.105 | 1 | 1.028 | ..... | 0.092 | ..... | 4.5 | 8.2 | 100 | 7.1 |
| 223 | 827 | 600 | 12 | 3 | 1 | 13994.106 | 1 | 1.027 | ..... | 0.091 | ..... | 3.6 | 7.4 | 100 | |
| 224 | 827 | 1800 | 12 | 3 | 1 | 13994.107 | 1 | 1.020 | ..... | 0.084 | ..... | 4.8 | 7.3 | 100 | |
| 225 | 828 | 600 | 12 | 3 | 1 | 13994.108 | 1 | 1.020 | ..... | 0.084 | ..... | 3.3 | 6.8 | 100 | |
| 226 | 828 | 1800 | 12 | 3 | 1 | 13994.109 | 1 | 1.015 | ..... | 0.079 | ..... | 4.3 | 7.5 | 100 | 7.2 |
| 227 | 829 | 600 | 12 | 3 | 1 | 13994.1010 | 1 | 1.015 | ..... | 0.079 | ..... | 5.9 | 9.2 | 100 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 829 | 1800 | 12 | 3 | 1 | 13994.1011 | 1 | 1.015 | ..... | 0.079 | ..... | 3.3 | 6.5 | 100 | |
| 229 | 830 | 600 | 12 | 3 | 1 | 13994.1012 | 1 | 1.020 | ..... | 0.084 | ..... | 4.8 | 7.4 | 100 | |
| 230 | 830 | 1800 | 12 | 3 | 1 | 13994.1013 | 1 | 1.020 | ..... | 0.084 | ..... | 3.3 | 7.0 | 100 | 7.2 |
| 231 | 831 | 600 | 12 | 3 | 1 | 13994.1014 | 1 | 1.018 | ..... | 0.082 | ..... | 3.8 | 6.8 | 100 | |
| 232 | 831 | 1800 | 12 | 3 | 1 | 13994.1015 | 1 | 1.015 | ..... | 0.079 | ..... | 2.5 | 6.2 | 100 | |
| 233 | 901 | 600 | 12 | 3 | 1 | 13994.1016 | 1 | 1.015 | ..... | 0.079 | ..... | 2.8 | 6.6 | 100 | |
| 234 | 901 | 1800 | 12 | 3 | 1 | 13994.1017 | 1 | 1.021 | ..... | 0.085 | ..... | 3.5 | 7.1 | 105 | 7.2 |
| 235 | 902 | 600 | 12 | 3 | 1 | 13994.1018 | 1 | 1.020 | ..... | 0.084 | ..... | 3.8 | 7.0 | 105 | |
| 236 | 902 | 1800 | 12 | 3 | 1 | 13994.1019 | 1 | 1.025 | ..... | 0.089 | ..... | 3.0 | 7.0 | 100 | |
| 237 | 903 | 600 | 12 | 3 | 1 | 13994.1020 | 1 | 1.032 | ..... | 0.097 | ..... | 3.8 | 7.1 | 110 | |
| 238 | 903 | 1800 | 12 | 3 | 1 | 13838.101 | 1 | 1.022 | ..... | 0.086 | ..... | 4.4 | 5.3 | 100 | 7.1 |
| 239 | 904 | 600 | 12 | 3 | 1 | 13838.102 | 1 | 1.020 | ..... | 0.084 | ..... | 3.6 | 4.3 | 95 | |
| 240 | 904 | 1800 | 12 | 3 | 1 | 13838.103 | 3 | 1.070 | ..... | 0.151 | ..... | 6.5 | 4.2 | 95 | |
| 241 | 905 | 600 | 12 | 3 | 1 | 13838.104 | 4 | 1.062 | ..... | 0.138 | ..... | 6.7 | 6.6 | 100 | |
| 242 | 905 | 1800 | 12 | 3 | 1 | 13838.105 | 4 | 1.050 | ..... | 0.120 | ..... | 7.4 | 5.3 | 100 | 7.0 |
| 243 | 906 | 1800 | 12 | 3 | 1 | 13838.107 | 4 | 1.030 | ..... | 0.095 | ..... | 5.9 | 5.4 | 100 | |
| 244 | 907 | 1800 | 12 | 3 | 1 | 13838.109 | 1 | 1.022 | ..... | 0.086 | ..... | 4.8 | 5.4 | 100 | |
| 245 | 908 | 600 | 12 | 3 | 1 | 13838.1010 | 1 | 1.020 | ..... | 0.084 | ..... | 5.0 | 5.5 | 100 | |
| 246 | 908 | 1800 | 12 | 3 | 1 | 13838.1011 | 1 | 1.020 | ..... | 0.084 | ..... | 4.8 | 4.8 | 120 | 7.2 |
| 247 | 909 | 600 | 12 | 3 | 1 | 13838.1012 | 1 | 1.018 | ..... | 0.082 | ..... | 6.6 | 5.6 | 100 | |
| 248 | 909 | 1800 | 12 | 3 | 1 | 13838.1013 | 1 | 1.015 | ..... | 0.079 | ..... | 3.8 | 5.0 | 100 | |
| 249 | 910 | 600 | 12 | 3 | 1 | 13838.1014 | 2 | 1.015 | ..... | 0.079 | ..... | 5.3 | 4.3 | 100 | |
| 250 | 910 | 1800 | 12 | 3 | 1 | 13838.1015 | 3 | 1.035 | ..... | 0.100 | ..... | 4.9 | 4.8 | 100 | 7.1 |
| 251 | 911 | 600 | 12 | 3 | 1 | 13838.1016 | 3 | 1.062 | ..... | 0.138 | ..... | 3.7 | 4.5 | 100 | |
| 252 | 911 | 1800 | 12 | 3 | 1 | 13838.1017 | 3 | 1.065 | ..... | 0.142 | ..... | 5.4 | 5.8 | 100 | |
| 253 | 912 | 600 | 12 | 3 | 1 | 13838.1018 | 4 | 1.060 | ..... | 0.134 | ..... | 5.0 | 6.2 | 100 | |
| 254 | 912 | 1800 | 12 | 3 | 1 | 13838.1019 | 1 | 1.055 | ..... | 0.127 | ..... | 4.4 | 5.5 | 100 | 7.3 |
| 255 | 913 | 600 | 12 | 3 | 1 | 13838.1020 | 1 | 1.048 | ..... | 0.117 | ..... | 3.7 | 5.3 | 100 | |
| 256 | 913 | 1800 | 12 | 3 | 1 | 13838.1021 | 1 | 1.042 | ..... | 0.109 | ..... | 3.1 | 6.1 | 100 | |
| 257 | 914 | 600 | 12 | 3 | 1 | 13838.1022 | 1 | 1.040 | ..... | 0.107 | ..... | 5.8 | 6.9 | 100 | |
| 258 | 914 | 1800 | 12 | 3 | 1 | 13838.1023 | 1 | 1.038 | ..... | 0.104 | ..... | 3.1 | 6.4 | 110 | |
| 259 | 915 | 600 | 12 | 3 | 1 | 13838.1024 | 1 | 1.038 | ..... | 0.104 | ..... | 2.1 | 6.6 | 110 | |
| 260 | 915 | 1800 | 12 | 3 | 1 | 13838.1025 | 1 | 1.035 | ..... | 0.100 | ..... | 4.5 | 6.6 | 105 | 8 |
| 261 | 916 | 600 | 12 | 3 | 1 | 13838.1026 | 1 | 1.045 | ..... | 0.113 | ..... | 5.8 | 7.1 | 105 | |

TABLE 30
WATER QUALITY DATA FOR INDIAN CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 6, 1986 - SEPTEMBER 15, 1986

FOREST:ROCKY/CLEARWATER
CREEK: INDIAN
COMMENTS: STEVENS GAUGE

PHASE 3 CODE: H13 C16 B2 AREA : 7700 HA
LOCATION : 11-5-43-10-W5 LAT/LON: 52 41'/ 115 25'
RATING CURVE: FLOW=-3.687+1.418*STAGE+2.129*STAGE^2 (MAY 6-JULY 16)
FLOW =5.053-10.238*STAGE+5.193*STAGE^2

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 506 | 1515 | ..... | 1 | 1 | 13777.1 | 2 | 1.244 | 1 | 1.387 | ..... | | | | | 7.2 | 1.0 | 180 | |
| 2 | 516 | 1430 | ..... | 1 | 1 | 13829.1 | 2 | 1.352 | 1 | 2.226 | ..... | | | | | 11.0 | 1.5 | 180 | |
| 3 | 520 | 1530 | ..... | 1 | 1 | 13792.1 | 4 | 1.323 | 1 | 1.925 | ..... | | | | | 6.2 | 2.7 | 160 | 7.3 |
| 4 | 522 | 1015 | ..... | 1 | 1 | 13793.1 | 4 | 1.445 | 1 | 2.783 | ..... | | | | | 12.7 | 6.0 | 165 | 7.4 |
| 5 | 525 | 1415 | ..... | 1 | 1 | 13811.1 | 4 | 1.286 | 1 | 1.547 | ..... | | | | | 7.0 | 1.3 | 165 | |
| 6 | 528 | 1111 | ..... | 1 | 1 | 13860.1 | 4 | 1.196 | 1 | 0.936 | ..... | | | | | 1.6 | 1.6 | 115 | 7.9 |
| 7 | 531 | 1240 | ..... | 1 | 1 | 13822.1 | 1 | 1.127 | ..... | 0.624 | ..... | | | | | 1.7 | 1.3 | 175 | |
| 8 | 604 | 1500 | ..... | 1 | 1 | 13865.1 | 1 | 1.080 | 1 | 0.275 | ..... | | | | | 0.0 | 0.5 | 190 | |
| 9 | 608 | 1336 | ..... | 1 | 1 | 13874.1 | 1 | 1.081 | ..... | 0.343 | ..... | | | | | 1.6 | 0.7 | 220 | 7.7 |
| 10 | 614 | 1410 | ..... | 1 | 1 | 13880.1 | 1 | 1.059 | 1 | 0.221 | ..... | | | | | 0.8 | 0.4 | 225 | |
| 11 | 617 | 1345 | ..... | 1 | 1 | 13886.1 | 4 | 1.087 | ..... | 0.379 | ..... | | | | | 0.0 | 0.5 | 215 | 7.4 |
| 12 | 622 | 1519 | ..... | 1 | 1 | 13896.1 | 4 | 1.151 | 1 | 0.976 | ..... | | | | | 0.4 | 0.5 | 190 | |
| 13 | 625 | 1230 | ..... | 1 | 1 | 13898.1 | 1 | 1.101 | ..... | 0.464 | ..... | | | | | 1.4 | 0.5 | 195 | |
| 14 | 704 | 1500 | ..... | 1 | 1 | 13918.1 | 4 | 1.120 | ..... | 0.581 | ..... | | | | | 0.9 | 0.6 | 190 | |
| 15 | 706 | 1145 | ..... | 1 | 1 | 13920.1 | 4 | 1.195 | ..... | 1.057 | ..... | | | | | 3.8 | 0.7 | 190 | |
| 16 | 712 | 1550 | ..... | 1 | 1 | 13933.1 | 1 | 1.115 | 1 | 0.492 | ..... | | | | | 1.5 | 0.4 | 210 | |
| 17 | 715 | 1200 | ..... | 1 | 1 | 13936.1 | 2 | 1.214 | ..... | 1.181 | ..... | | | | | 13.5 | 0.9 | 260 | |
| 18 | 811 | 1300 | ..... | 1 | 1 | 13965.1 | 1 | 1.205 | 1 | 0.249 | ..... | | | | | 1.0 | 1.8 | 225 | |
| 19 | 814 | 1646 | ..... | 1 | 1 | 13971.1 | 4 | 1.177 | 1 | 0.205 | ..... | | | | | 2.4 | 1.8 | 245 | 7.9 |
| 20 | 819 | 1500 | ..... | 1 | 1 | 13974.1 | 1 | 1.117 | 1 | 0.094 | ..... | | | | | 1.6 | 0.8 | 260 | |
| 21 | 823 | 1135 | ..... | 1 | 1 | 13977.1 | 1 | 1.085 | 1 | 0.058 | ..... | | | | | 1.6 | 0.8 | 280 | 7.8 |
| 22 | 902 | 1245 | ..... | 1 | 1 | 13990.1 | 1 | 1.093 | ..... | 0.067 | ..... | | | | | 4.1 | 1.0 | 265 | |
| 23 | 915 | 1100 | ..... | 1 | 1 | 13835.1 | 4 | 0.517 | ..... | 1.148 | ..... | | | | | 1.5 | 0.4 | 210 | |

TABLE 31
WATER QUALITY DATA FOR WAWA CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 13, 1986 - SEPTEMBER 18, 1986

FOREST:ROCKY/CLEARWATER
CREEK: WAWA
COMMENTS: STEVENS GAUGE, ISCO

PHASE 3 CODE: H13 D15 E1 AREA : 6281 HA
LOCATION : 12-16-43-15-W5 LAT/LON: 52 42'/ 116 08'
RATING CURVE: FLOW=.002*STAGE^14.456

| # | DATE MD | TIME HRS | SI HRS | TY | NI | NUMBER | FCON | STAGE M | AC | FLOW CMS | PEAK M | PFLOW CMS | STEMP C | ATEMP C | PREC MM | CONC MG/L | TURB JTU | COND UMHO | pH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 513 | 1300 | ..... | 1 | 1 | 13782.1 | 1 | 1.496 | 1 | 0.766 | ..... | ..... | ..... | ..... | ..... | 3.6 | 4.5 | 240 | |
| 2 | 514 | 1800 | 12 | 3 | 1 | 13784.102 | 1 | 1.490 | ..... | 0.661 | ..... | ..... | ..... | ..... | ..... | 3.8 | 3.1 | 235 | |
| 3 | 515 | 600 | 12 | 3 | 1 | 13784.103 | 1 | 1.485 | ..... | 0.629 | ..... | ..... | ..... | ..... | ..... | 3.8 | 2.3 | 240 | |
| 4 | 516 | 1130 | ..... | 1 | 1 | 13784.1 | 1 | 1.495 | ..... | 0.694 | ..... | ..... | ..... | ..... | ..... | 3.2 | 2.9 | 235 | 8.0 |
| 5 | 516 | 1200 | 2 | 3 | 1 | 13789.101 | 1 | 1.495 | ..... | 0.694 | ..... | ..... | ..... | ..... | ..... | 8.1 | 3.8 | 240 | 8.0 |
| 6 | 516 | 1400 | 2 | 3 | 1 | 13789.102 | 1 | 1.492 | ..... | 0.674 | ..... | ..... | ..... | ..... | ..... | 6.1 | 3.9 | 245 | |
| 7 | 516 | 1600 | 2 | 3 | 1 | 13789.103 | 1 | 1.495 | ..... | 0.694 | ..... | ..... | ..... | ..... | ..... | 3.9 | 2.7 | 245 | |
| 8 | 516 | 1800 | 2 | 3 | 1 | 13789.104 | 2 | 1.497 | ..... | 0.708 | ..... | ..... | ..... | ..... | ..... | 3.7 | 3.8 | 240 | |
| 9 | 516 | 2000 | 2 | 3 | 1 | 13789.105 | 2 | 1.500 | ..... | 0.729 | ..... | ..... | ..... | ..... | ..... | 6.7 | 4.8 | 245 | 7.9 |
| 10 | 516 | 2200 | 2 | 3 | 1 | 13789.106 | 2 | 1.510 | ..... | 0.802 | ..... | ..... | ..... | ..... | ..... | 9.5 | 5.9 | 245 | |
| 11 | 516 | 2400 | 2 | 3 | 1 | 13789.107 | 2 | 1.515 | ..... | 0.842 | ..... | ..... | ..... | ..... | ..... | 7.3 | 4.4 | 240 | |
| 12 | 517 | 200 | 2 | 3 | 1 | 13789.108 | 3 | 1.515 | ..... | 0.842 | ..... | ..... | ..... | ..... | ..... | 8.9 | 4.1 | 240 | |
| 13 | 517 | 400 | 2 | 3 | 1 | 13789.109 | 1 | 1.517 | ..... | 0.858 | ..... | ..... | ..... | ..... | ..... | 5.4 | 4.2 | 240 | 7.9 |
| 14 | 517 | 600 | 2 | 3 | 1 | 13789.1010 | 1 | 1.518 | ..... | 0.867 | ..... | ..... | ..... | ..... | ..... | 12.7 | 6.4 | 245 | |
| 15 | 517 | 800 | 2 | 3 | 1 | 13789.1011 | 1 | 1.520 | ..... | 0.883 | ..... | ..... | ..... | ..... | ..... | 5.7 | 4.4 | 240 | |
| 16 | 517 | 1000 | 2 | 3 | 1 | 13789.1012 | 1 | 1.520 | ..... | 0.883 | ..... | ..... | ..... | ..... | ..... | 7.1 | 4.2 | 240 | |
| 17 | 517 | 1200 | 2 | 3 | 1 | 13789.1013 | 1 | 1.518 | ..... | 0.867 | ..... | ..... | ..... | ..... | ..... | 5.6 | 5.6 | 240 | 7.8 |
| 18 | 517 | 1400 | 2 | 3 | 1 | 13789.1014 | 1 | 1.515 | ..... | 0.842 | ..... | ..... | ..... | ..... | ..... | 5.5 | 3.2 | 250 | |
| 19 | 517 | 1600 | 2 | 3 | 1 | 13789.1015 | 1 | 1.515 | ..... | 0.842 | ..... | ..... | ..... | ..... | ..... | 5.5 | 4.5 | 235 | |
| 20 | 517 | 1800 | 2 | 3 | 1 | 13789.1016 | 1 | 1.515 | ..... | 0.842 | ..... | ..... | ..... | ..... | ..... | 6.8 | 5.0 | 240 | |
| 21 | 517 | 2000 | 2 | 3 | 1 | 13789.1017 | 2 | 1.520 | ..... | 0.883 | ..... | ..... | ..... | ..... | ..... | 8.0 | 8.8 | 235 | 7.9 |
| 22 | 517 | 2200 | 2 | 3 | 1 | 13789.1018 | 2 | 1.523 | ..... | 0.909 | ..... | ..... | ..... | ..... | ..... | 8.0 | 7.1 | 240 | |
| 23 | 517 | 2400 | 2 | 3 | 1 | 13789.1019 | 3 | 1.525 | ..... | 0.927 | ..... | ..... | ..... | ..... | ..... | 8.0 | 6.6 | 235 | |
| 24 | 518 | 200 | 2 | 3 | 1 | 13789.1020 | 1 | 1.527 | ..... | 0.944 | ..... | ..... | ..... | ..... | ..... | 10.1 | 8.1 | 235 | |
| 25 | 520 | 600 | 12 | 3 | 1 | 13820.101 | 1 | 1.516 | ..... | 0.850 | ..... | ..... | ..... | ..... | ..... | 6.1 | 2.8 | 235 | 7.3 |
| 26 | 520 | 1800 | 12 | 3 | 1 | 13820.102 | 1 | 1.510 | ..... | 0.802 | ..... | ..... | ..... | ..... | ..... | 0.5 | 2.0 | 220 | |
| 27 | 521 | 600 | 12 | 3 | 1 | 13820.103 | 1 | 1.512 | ..... | 0.818 | ..... | ..... | ..... | ..... | ..... | 2.4 | 2.6 | 220 | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 521 | 1800 | 12 | 3 | 1 | 13820.104 | 2 | 1 | 530 | ..... | 0 | 972 | ..... | 7.8 | 3.0 | 215 | | |
| 29 | 522 | 600 | 12 | 3 | 1 | 13820.105 | 4 | 1 | 590 | ..... | 1 | 700 | ..... | 44.8 | 18.0 | 215 | 7 | 8 |
| 30 | 522 | 1800 | 12 | 3 | 1 | 13820 106 | 2 | 1 | 590 | ..... | 1 | 700 | ..... | 28.4 | 16.0 | 215 | | |
| 31 | 523 | 1800 | 12 | 3 | 1 | 13820.107 | 4 | 1 | 610 | ..... | 2 | 039 | ..... | 28.4 | 17.0 | 195 | | |
| 32 | 524 | 600 | 12 | 3 | 1 | 13820.108 | 4 | 1 | 625 | ..... | 2 | 334 | ..... | 36.0 | 21.0 | 200 | | |
| 33 | 524 | 1800 | 12 | 3 | 1 | 13820.109 | 4 | 1 | 600 | ..... | 1 | 863 | ..... | 30.7 | 12.0 | 190 | 7 | 7 |
| 34 | 525 | 600 | 12 | 3 | 1 | 13820.1010 | 4 | 1 | 590 | ..... | 1 | 700 | ..... | 8.5 | 4 5 | 190 | | |
| 35 | 525 | 1800 | 12 | 3 | 1 | 13820.1011 | 4 | 1 | 578 | ..... | 1 | 523 | ..... | 4.6 | 3.2 | 190 | | |
| 36 | 526 | 600 | 12 | 3 | 1 | 13820.1012 | 4 | 1 | 570 | ..... | 1 | 414 | ..... | 4 3 | 3.3 | 200 | | |
| 37 | 526 | 1800 | 12 | 3 | 1 | 13820.1013 | 4 | 1 | 560 | ..... | 1 | 289 | ..... | 4.5 | 3.5 | 200 | 7 | 7 |
| 38 | 527 | 600 | 12 | 3 | 1 | 13820.1014 | 4 | 1 | 550 | .... | 1 | 174 | ..... | 3.2 | 2 8 | 200 | | |
| 39 | 527 | 1800 | 12 | 3 | 1 | 13820.1015 | 4 | 1 | 548 | ..... | 1 | 152 | ..... | 3.9 | 3.4 | 210 | | |
| 40 | 528 | 600 | 12 | 3 | 1 | 13820.1016 | 4 | 1 | 540 | ..... | 1 | 068 | ..... | 5.3 | 3 0 | 210 | | |
| 41 | 528 | 1800 | 12 | 3 | 1 | 13820.1017 | 1 | 1 | 535 | ..... | 1 | 019 | ..... | 6.1 | 3.8 | 215 | 7 | 8 |
| 42 | 529 | 600 | 12 | 3 | 1 | 13820.1018 | 1 | 1 | 530 | ..... | 0 | 972 | ..... | 8.1 | 4 2 | 220 | | |
| 43 | 529 | 1800 | 12 | 3 | 1 | 13820.1019 | 1 | 1 | 525 | ..... | 0 | 927 | ..... | 6.1 | 3.2 | 220 | | |
| 44 | 530 | 600 | 12 | 3 | 1 | 13820.1020 | 1 | 1 | 520 | ..... | 0 | 883 | ..... | 3 6 | 2.7 | 220 | | |
| 45 | 530 | 1315 | ..... | 1 | 1 | 13821.1 | 1 | 1 | 510 | 1 | 0 | 857 | ..... | 1.9 | 3.4 | 205 | | |
| 46 | 530 | 1800 | 12 | 3 | 1 | 13866 101 | 1 | 1 | 510 | ..... | 0 | 802 | ..... | 3 5 | 2 3 | 320 | | |
| 47 | 531 | 600 | 12 | 3 | 1 | 13866.102 | 1 | 1 | 505 | ..... | 0 | 765 | ..... | 7.7 | 2.8 | 220 | 7 | 7 |
| 48 | 531 | 1800 | 12 | 3 | 1 | 13865.103 | 1 | 1 | 500 | .... | 0 | 729 | ..... | 9 6 | 2.9 | 220 | | |
| 49 | 601 | 600 | 12 | 3 | 1 | 13866.104 | 1 | 1 | 498 | .... | 0 | 715 | ..... | 3.6 | 2.1 | 225 | | |
| 50 | 601 | 1800 | 12 | 3 | 1 | 13866.105 | 1 | 1 | 495 | ..... | 0 | 694 | ..... | 5.2 | 2 2 | 230 | | |
| 51 | 602 | 600 | 12 | 3 | 1 | 13866.106 | 1 | 1 | 490 | ..... | 0 | 661 | ..... | 5.0 | 2.4 | 230 | 7 | 8 |
| 52 | 602 | 1800 | 12 | 3 | 1 | 13866.107 | 1 | 1 | 485 | ..... | 0 | 629 | ..... | 5.9 | 2.1 | 230 | | |
| 53 | 603 | 600 | 12 | 3 | 1 | 13866.108 | 1 | 1 | 480 | ..... | 0 | 599 | ..... | 5.3 | 2.3 | 235 | | |
| 54 | 603 | 1800 | 12 | 3 | 1 | 13866.109 | 1 | 1 | 475 | ..... | 0 | 571 | ..... | 7.7 | 2.9 | 240 | | |
| 55 | 604 | 600 | 12 | 3 | 1 | 13866.1010 | 1 | 1 | 470 | ..... | 0 | 543 | ..... | 1.9 | 2.3 | 240 | 7 | 7 |
| 56 | 604 | 1800 | 12 | 3 | 1 | 13866.1011 | 1 | 1 | 470 | ..... | 0 | 543 | ..... | 7.1 | 3.0 | 240 | | |
| 57 | 605 | 600 | 12 | 3 | 1 | 13888.101 | 1 | 1 | 462 | ..... | 0 | 502 | ..... | 1.7 | 1.6 | 240 | 8 | 0 |
| 58 | 605 | 1100 | ..... | 1 | 1 | 13867.1 | 1 | 1 | 462 | 1 | 0 | 444 | ..... | 2 4 | 2 1 | 245 | | |
| 59 | 605 | 1800 | 12 | 3 | 1 | 13888.102 | 1 | 1 | 465 | ..... | 0 | 517 | ..... | 1.4 | 1.4 | 240 | | |
| 60 | 606 | 600 | 12 | 3 | 1 | 13888 103 | 1 | 1 | 472 | .... | 0 | 554 | ..... | 0.3 | 1.1 | 240 | | |
| 61 | 607 | 600 | 12 | 3 | 1 | 13888.104 | 1 | 1 | 465 | ..... | 0 | 517 | ..... | 0.3 | 1.1 | 240 | | |
| 62 | 607 | 1800 | 12 | 3 | 1 | 13888.105 | 1 | 1 | 465 | ..... | 0 | 517 | ..... | 0.8 | 1.6 | 240 | 8 | 1 |
| 63 | 608 | 600 | 12 | 3 | 1 | 13888.106 | 1 | 1 | 460 | ..... | 0 | 492 | ..... | 0.5 | 1.3 | 240 | | |
| 64 | 608 | 1800 | 12 | 3 | 1 | 13888.107 | 1 | 1 | 460 | .... | 0 | 492 | ..... | 0.8 | 1.3 | 245 | | |
| 65 | 609 | 600 | 12 | 3 | 1 | 13888.108 | 1 | 1 | 455 | ..... | 0 | 468 | ..... | 0.3 | 1.0 | 250 | | |
| 66 | 609 | 1800 | 12 | 3 | 1 | 13888.109 | 1 | 1 | 455 | ..... | 0 | 468 | ..... | 1 6 | 1.6 | 250 | 8 | 2 |
| 67 | 610 | 600 | 12 | 3 | 1 | 1388.1010 | 1 | 1 | 450 | ..... | 0 | 445 | ..... | 1.7 | 1.6 | 250 | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68 | 610 | 1800 | 12 | 3 | 1 | 13888.1011 | 1 | 1.448 | ..... | 0.436 | ..... | 3.9 | 1.5 | 250 | |
| 69 | 611 | 600 | 12 | 3 | 1 | 13888.1012 | 1 | 1.440 | ..... | 0.402 | ..... | 3.4 | 1.3 | 255 | |
| 70 | 611 | 1800 | 12 | 3 | 1 | 13888.1013 | 2 | 1.470 | ..... | 0.543 | ..... | 2.1 | 1.4 | 250 | 8.1 |
| 71 | 612 | 600 | 12 | 3 | 1 | 13888.1014 | 4 | 1.462 | ..... | 0.502 | ..... | 2.4 | 1.9 | 250 | |
| 72 | 612 | 1800 | 12 | 3 | 1 | 13888.1015 | 4 | 1.458 | ..... | 0.482 | ..... | 2.6 | 1.9 | 250 | |
| 73 | 613 | 600 | 12 | 3 | 1 | 13888.1016 | 1 | 1.450 | ..... | 0.445 | ..... | 0.8 | 1.5 | 255 | |
| 74 | 613 | 1800 | 12 | 3 | 1 | 13888.1017 | 1 | 1.448 | ..... | 0.436 | ..... | 1.6 | 1.4 | 260 | 8.1 |
| 75 | 614 | 600 | 12 | 3 | 1 | 13888.1018 | 1 | 1.440 | ..... | 0.402 | ..... | 1.6 | 1.6 | 260 | |
| 76 | 614 | 1800 | 12 | 3 | 1 | 13888.1019 | 1 | 1.440 | ..... | 0.402 | ..... | 0.0 | 1.3 | 260 | |
| 77 | 615 | 600 | 12 | 3 | 1 | 13888.1020 | 2 | 1.448 | ..... | 0.436 | ..... | 1.4 | 1.4 | 260 | |
| 78 | 615 | 1800 | 12 | 3 | 1 | 13888.1021 | 3 | 1.468 | ..... | 0.532 | ..... | 3.7 | 1.9 | 260 | |
| 79 | 616 | 600 | 12 | 3 | 1 | 13888.1022 | 4 | 1.462 | ..... | 0.502 | ..... | 3.2 | 1.8 | 260 | |
| 80 | 616 | 1800 | 12 | 3 | 1 | 13888.1023 | 4 | 1.455 | ..... | 0.468 | ..... | 1.6 | 1.8 | 260 | 8.1 |
| 81 | 617 | 600 | 12 | 3 | 1 | 13888.1024 | 4 | 1.445 | ..... | 0.423 | ..... | 3.8 | 1.6 | 260 | |
| 82 | 617 | 1800 | 12 | 3 | 1 | 13888.1025 | 1 | 1.443 | ..... | 0.415 | ..... | 3.5 | 1.7 | 260 | |
| 83 | 618 | 600 | 12 | 3 | 1 | 13888.1026 | 1 | 1.438 | ..... | 0.394 | ..... | 5.8 | 1.6 | 265 | |
| 84 | 618 | 1800 | 12 | 3 | 1 | 13888.1027 | 1 | 1.438 | ..... | 0.394 | ..... | 13.4 | 1.6 | 270 | 8.1 |
| 85 | 619 | 1100 | ..... | 1 | 1 | 13887.1 | 2 | 1.540 | ..... | 1.068 | ..... | 143.5 | 32.0 | 250 | |
| 86 | 619 | 1800 | 12 | 3 | 1 | 13905.101 | 4 | 1.570 | ..... | 1.414 | ..... | 31.9 | 14.0 | 240 | 8.1 |
| 87 | 620 | 600 | 12 | 3 | 1 | 13905.102 | 4 | 1.530 | ..... | 0.972 | ..... | 13.9 | 4.9 | 240 | |
| 88 | 620 | 1800 | 12 | 3 | 1 | 13905.103 | 4 | 1.510 | ..... | 0.802 | ..... | 8.2 | 3.0 | 240 | |
| 89 | 621 | 600 | 12 | 3 | 1 | 13905.104 | 4 | 1.490 | ..... | 0.661 | ..... | 9.6 | 2.8 | 240 | |
| 90 | 621 | 1800 | 12 | 3 | 1 | 13905.105 | 4 | 1.482 | ..... | 0.611 | ..... | 5.5 | 2.8 | 240 | 8.2 |
| 91 | 622 | 600 | 12 | 3 | 1 | 13905.106 | 1 | 1.470 | ..... | 0.543 | ..... | 5.9 | 2.4 | 240 | |
| 92 | 622 | 1800 | 12 | 3 | 1 | 13905.107 | 1 | 1.468 | ..... | 0.532 | ..... | 3.1 | 1.7 | 240 | |
| 93 | 623 | 600 | 12 | 3 | 1 | 13905.108 | 1 | 1.460 | ..... | 0.492 | ..... | 5.8 | 2.1 | 240 | |
| 94 | 623 | 1800 | 12 | 3 | 1 | 13905.109 | 1 | 1.455 | ..... | 0.468 | ..... | 7.5 | 2.8 | 240 | 8.1 |
| 95 | 624 | 600 | 12 | 3 | 1 | 13905.1010 | 1 | 1.450 | ..... | 0.445 | ..... | 4.3 | 1.9 | 245 | |
| 96 | 624 | 1800 | 12 | 3 | 1 | 13905.1011 | 1 | 1.448 | ..... | 0.436 | ..... | 4.2 | 2.2 | 250 | |
| 97 | 625 | 600 | 12 | 3 | 1 | 13905.1012 | 1 | 1.442 | ..... | 0.411 | ..... | 11.2 | 2.9 | 250 | |
| 98 | 625 | 1800 | 12 | 3 | 1 | 13905.1013 | 1 | 1.442 | ..... | 0.411 | ..... | 4.2 | 1.9 | 250 | 8.2 |
| 99 | 626 | 600 | 12 | 3 | 1 | 13905.1014 | 1 | 1.440 | ..... | 0.402 | ..... | 8.3 | 2.9 | 255 | |
| 100 | 626 | 1800 | 12 | 3 | 1 | 13905.1015 | 1 | 1.435 | ..... | 0.382 | ..... | 9.1 | 2.2 | 255 | |
| 101 | 627 | 600 | 12 | 3 | 1 | 13905.1016 | 1 | 1.430 | ..... | 0.364 | ..... | 7.6 | 2.5 | 260 | |
| 102 | 627 | 1800 | 12 | 3 | 1 | 13905.1017 | 1 | 1.430 | ..... | 0.364 | ..... | 4.4 | 2.3 | 260 | 8.1 |
| 103 | 628 | 600 | 12 | 3 | 1 | 13905.1018 | 1 | 1.438 | ..... | 0.394 | ..... | 5.6 | 2.3 | 260 | |
| 104 | 628 | 1130 | ..... | 1 | 1 | 13900.1 | 1 | 1.435 | 1 | 0.366 | ..... | 1.0 | 1.0 | 260 | |
| 105 | 628 | 1800 | 12 | 3 | 1 | 13905.1019 | 1 | 1.435 | ..... | 0.382 | ..... | 6.0 | 2.3 | 260 | |
| 106 | 629 | 600 | 12 | 3 | 1 | 13905.1020 | 4 | 1.475 | ..... | 0.571 | ..... | 7.5 | 2.6 | 260 | |
| 107 | 629 | 1600 | 2 | 3 | 1 | 13911.101 | 2 | 1.515 | ..... | 0.842 | ..... | 9.4 | 3.7 | 250 | 8.1 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 108 | 629 | 1800 | 2 | 3 | 1 | 13911.102 | 2 | 1.565 | ..... | 1.350 | ..... | | | 51.7 | 27.0 | 240 | | |
| 109 | 629 | 2000 | 2 | 3 | 1 | 13911.103 | 2 | 1.605 | ..... | 1.949 | ..... | | | 60.0 | 20.0 | 240 | | |
| 110 | 629 | 2200 | 2 | 3 | 1 | 13911.104 | 2 | 1.635 | ..... | 2.552 | ..... | | | 77.2 | 18.0 | 235 | | |
| 111 | 629 | 2400 | 2 | 3 | 1 | 13911.105 | 3 | 1.675 | ..... | 3.627 | ..... | | | 133.2 | 40.0 | 235 | 7.9 | |
| 112 | 630 | 200 | 2 | 3 | 1 | 13911.106 | 4 | 1.650 | ..... | 2.914 | ..... | | | 137.7 | 41.0 | 235 | | |
| 113 | 630 | 400 | 2 | 3 | 1 | 13911.107 | 4 | 1.645 | ..... | 2.789 | ..... | | | 117.2 | 38.0 | 235 | | |
| 114 | 630 | 600 | 2 | 3 | 1 | 13911.108 | 4 | 1.640 | ..... | 2.668 | ..... | | | 86.2 | 33.0 | 235 | | |
| 115 | 630 | 800 | 2 | 3 | 1 | 13911.109 | 2 | 1.640 | ..... | 2.668 | ..... | | | 82.5 | 33.0 | 230 | 8.1 | |
| 116 | 630 | 1000 | 2 | 3 | 1 | 13911.1010 | 2 | 1.650 | ..... | 2.914 | ..... | | | 67.0 | 21.0 | 230 | | |
| 117 | 630 | 1200 | 2 | 3 | 1 | 13911.1011 | 2 | 1.655 | ..... | 3.046 | ..... | | | 55.4 | 21.0 | 225 | | |
| 118 | 630 | 1400 | 2 | 3 | 1 | 13911.1012 | 2 | 1.660 | ..... | 3.182 | ..... | | | 69.6 | 25.0 | 220 | | |
| 119 | 630 | 1600 | 2 | 3 | 1 | 13911.1013 | 3 | 1.660 | ..... | 3.182 | ..... | | | 72.2 | 23.0 | 220 | 8.1 | |
| 120 | 630 | 1800 | 2 | 3 | 1 | 13911.1014 | 4 | 1.660 | ..... | 3.182 | ..... | | | 61.5 | 25.0 | 215 | | |
| 121 | 630 | 2000 | 2 | 3 | 1 | 13911.1015 | 4 | 1.650 | ..... | 2.914 | ..... | | | 53.3 | 21.0 | 215 | | |
| 122 | 630 | 2200 | 2 | 3 | 1 | 13911.1016 | 4 | 1.645 | ..... | 2.789 | ..... | | | 45.4 | 17.0 | 215 | | |
| 123 | 630 | 2400 | 2 | 3 | 1 | 13911.1017 | 4 | 1.640 | ..... | 2.668 | ..... | | | 44.9 | 18.0 | 210 | 8.1 | |
| 124 | 701 | 200 | 2 | 3 | 1 | 13911.1018 | 4 | 1.635 | ..... | 2.552 | ..... | | | 41.5 | 16.0 | 210 | | |
| 125 | 701 | 400 | 2 | 3 | 1 | 13911.1019 | 4 | 1.625 | ..... | 2.334 | ..... | | | 34.4 | 15.0 | 210 | | |
| 126 | 701 | 600 | 2 | 3 | 1 | 13911.1020 | 4 | 1.622 | ..... | 2.272 | ..... | | | 33.8 | 15.0 | 210 | | |
| 127 | 701 | 800 | 2 | 3 | 1 | 13911.1021 | 4 | 1.615 | ..... | 2.134 | ..... | | | 26.6 | 8.5 | 200 | | |
| 128 | 701 | 1000 | 2 | 3 | 1 | 13911.1022 | 4 | 1.610 | ..... | 2.039 | ..... | | | 18.7 | 9.0 | 200 | | |
| 129 | 701 | 1200 | 2 | 3 | 1 | 13911.1023 | 4 | 1.605 | ..... | 1.949 | ..... | | | 20.3 | 8.8 | 200 | | |
| 130 | 701 | 1400 | 2 | 3 | 1 | 13911.1024 | 4 | 1.600 | ..... | 1.863 | ..... | | | 17.4 | 8.2 | 200 | 7.8 | |
| 131 | 701 | 1600 | 2 | 3 | 1 | 13911.1025 | 4 | 1.595 | ..... | 1.780 | ..... | | | 21.5 | 8.9 | 200 | | |
| 132 | 701 | 1800 | 2 | 3 | 1 | 13911.1026 | 4 | 1.590 | ..... | 1.700 | ..... | | | 16.1 | 7.1 | 200 | | |
| 133 | 701 | 2000 | 2 | 3 | 1 | 13911.1027 | 4 | 1.582 | ..... | 1.580 | ..... | | | 14.0 | 6.8 | 200 | | |
| 134 | 702 | 1639 | ..... | 1 | 1 | 13912.1 | 4 | 1.545 | 1 | 1.138 | ..... | | | 12.1 | 6.3 | 190 | | |
| 135 | 702 | 1800 | 12 | 3 | 1 | 13922.101 | 4 | 1.545 | ..... | 1.120 | ..... | | | 11.4 | 4.4 | 210 | | |
| 136 | 703 | 600 | 12 | 3 | 1 | 13922.102 | 4 | 1.530 | ..... | 0.972 | ..... | | | 10.0 | 5.1 | 210 | 8.0 | |
| 137 | 703 | 1800 | 12 | 3 | 1 | 13922.103 | 1 | 1.520 | ..... | 0.883 | ..... | | | 6.8 | 4.6 | 210 | | |
| 138 | 704 | 600 | 12 | 3 | 1 | 13922.104 | 1 | 1.520 | ..... | 0.883 | ..... | | | 11.1 | 4.0 | 210 | | |
| 139 | 704 | 1800 | 12 | 3 | 1 | 13922.105 | 1 | 1.540 | ..... | 1.068 | ..... | | | 13.3 | 4.3 | 215 | | |
| 140 | 705 | 600 | 12 | 3 | 1 | 13922.106 | 1 | 1.540 | ..... | 1.068 | ..... | | | 17.3 | 5.6 | 215 | | |
| 141 | 705 | 1800 | 12 | 3 | 1 | 13922.107 | 2 | 1.555 | ..... | 1.230 | ..... | | | 15.4 | 6.1 | 210 | 8.0 | |
| 142 | 706 | 600 | 12 | 3 | 1 | 13922.108 | 4 | 1.602 | ..... | 1.897 | ..... | | | 35.3 | 16.0 | 210 | | |
| 143 | 706 | 1800 | 12 | 3 | 1 | 13922.109 | 4 | 1.582 | ..... | 1.580 | ..... | | | 28.5 | 13.0 | 210 | | |
| 144 | 707 | 600 | 12 | 3 | 1 | 13922.1010 | 4 | 1.580 | ..... | 1.551 | ..... | | | 15.1 | 5.3 | 210 | | |
| 145 | 707 | 1245 | ..... | 1 | 1 | 13923.1 | 4 | 1.572 | 1 | 1.535 | ..... | | | 11.0 | 4.3 | 210 | 7.9 | |
| 146 | 730 | 1425 | ..... | 1 | 1 | 13949.1 | 4 | 1.628 | 1 | 2.066 | ..... | | | 13.0 | 6.7 | 215 | | |
| 147 | 730 | 1800 | 12 | 3 | 1 | 13970.101 | 1 | 1.622 | ..... | 2.272 | ..... | | | 4.0 | 1.8 | ..... | | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 148 | 731 | 600 | 12 | 3 | 1 | 13970.102 | 1 | 1.605 | ..... | 1.949 | ..... | 2.7 | 2.1 | 205 | |
| 149 | 731 | 1800 | 12 | 3 | 1 | 13970.103 | 3 | 1.595 | ..... | 1.780 | ..... | 3.5 | 1.7 | 215 | |
| 150 | 801 | 600 | 12 | 3 | 1 | 13970.104 | 4 | 1.585 | ..... | 1.624 | ..... | 5.7 | 2.4 | 205 | |
| 151 | 801 | 1800 | 12 | 3 | 1 | 13970.105 | 4 | 1.570 | ..... | 1.414 | ..... | 3.1 | 2.1 | 245 | 8.0 |
| 152 | 802 | 600 | 12 | 3 | 1 | 13970.106 | 1 | 1.560 | ..... | 1.289 | ..... | 7.7 | 2.3 | 225 | |
| 153 | 802 | 1800 | 12 | 3 | 1 | 13970.107 | 1 | 1.555 | ..... | 1.230 | ..... | 8.0 | 2.1 | 235 | |
| 154 | 803 | 600 | 12 | 3 | 1 | 13970.108 | 1 | 1.545 | ..... | 1.120 | ..... | 5.6 | 2.3 | 220 | |
| 155 | 803 | 1800 | 12 | 3 | 1 | 13970.109 | 1 | 1.542 | ..... | 1.089 | ..... | 5.9 | 1.9 | 225 | 8.0 |
| 156 | 804 | 600 | 12 | 3 | 1 | 13970.1010 | 1 | 1.582 | ..... | 1.580 | ..... | 11.4 | 2.8 | 235 | |
| 157 | 804 | 1800 | 12 | 3 | 1 | 13970.1011 | 1 | 1.570 | ..... | 1.414 | ..... | 2.9 | 2.1 | 235 | |
| 158 | 805 | 600 | 12 | 3 | 1 | 13970.1012 | 1 | 1.552 | ..... | 1.196 | ..... | 2.8 | 1.6 | 235 | |
| 159 | 805 | 1800 | 12 | 3 | 1 | 13970.1013 | 1 | 1.560 | ..... | 1.289 | ..... | 4.6 | 2.8 | 235 | 8.0 |
| 160 | 806 | 600 | 12 | 3 | 1 | 13970.1014 | 1 | 1.558 | ..... | 1.265 | ..... | 2.7 | 1.8 | 240 | |
| 161 | 806 | 1800 | 12 | 3 | 1 | 13970.1015 | 1 | 1.548 | ..... | 1.152 | ..... | 0.9 | 1.6 | 245 | |
| 162 | 807 | 600 | 12 | 3 | 1 | 13970.1016 | 1 | 1.530 | ..... | 0.972 | ..... | 0.9 | 1.4 | 245 | |
| 163 | 807 | 1800 | 12 | 3 | 1 | 13970.1017 | 1 | 1.527 | ..... | 0.944 | ..... | 2.6 | 1.9 | 240 | 8.0 |
| 164 | 808 | 600 | 12 | 3 | 1 | 13970.1018 | 1 | 1.520 | ..... | 0.883 | ..... | 1.7 | 1.9 | 250 | |
| 165 | 808 | 1800 | 12 | 3 | 1 | 13970.1019 | 1 | 1.520 | ..... | 0.883 | ..... | 1.4 | 1.9 | 255 | |
| 166 | 809 | 600 | 12 | 3 | 1 | 13970.1020 | 1 | 1.512 | ..... | 0.818 | ..... | 2.7 | 2.0 | 260 | |
| 167 | 809 | 1800 | 12 | 3 | 1 | 13970.1021 | 1 | 1.510 | ..... | 0.802 | ..... | 2.1 | 2.0 | 270 | |
| 168 | 810 | 600 | 12 | 3 | 1 | 13970.1022 | 1 | 1.500 | ..... | 0.729 | ..... | 1.5 | 2.0 | 280 | |
| 169 | 810 | 1800 | 12 | 3 | 1 | 13970.1023 | 1 | 1.500 | ..... | 0.729 | ..... | 3.5 | 1.8 | 280 | |
| 170 | 811 | 600 | 12 | 3 | 1 | 13970.1024 | 1 | 1.495 | ..... | 0.694 | ..... | 2.4 | 2.9 | 285 | 8.1 |
| 171 | 812 | 600 | 12 | 3 | 1 | 13970.1026 | 1 | 1.488 | ..... | 0.648 | ..... | 10.2 | 1.9 | 290 | |
| 172 | 812 | 1800 | 12 | 3 | 1 | 13970.1027 | 1 | 1.490 | ..... | 0.661 | ..... | 2.1 | 2.1 | 285 | |
| 173 | 813 | 600 | 12 | 3 | 1 | 13970.1028 | 1 | 1.500 | ..... | 0.729 | ..... | 2.6 | 2.9 | 285 | |
| 174 | 813 | 1200 | ..... | 1 | 1 | 13969.1 | 1 | 1.491 | 1 | 0.630 | ..... | 1.8 | 3.4 | 285 | 8.2 |
| 175 | 813 | 1800 | 12 | 3 | 1 | 13983.101 | 1 | 1.498 | ..... | 0.715 | ..... | 3.5 | 1.0 | 280 | 8.2 |
| 176 | 814 | 600 | 12 | 3 | 1 | 13983.102 | 1 | 1.488 | ..... | 0.648 | ..... | 4.0 | 1.8 | 280 | |
| 177 | 814 | 1800 | 12 | 3 | 1 | 13983.103 | 1 | 1.480 | ..... | 0.599 | ..... | 5.5 | 0.7 | 280 | |
| 178 | 815 | 600 | 12 | 3 | 1 | 13983.104 | 1 | 1.475 | ..... | 0.571 | ..... | 3.9 | 0.7 | 290 | |
| 179 | 815 | 1800 | 12 | 3 | 1 | 13983.105 | 1 | 1.470 | ..... | 0.543 | ..... | 27.0 | 1.5 | 295 | 8.2 |
| 180 | 816 | 600 | 12 | 3 | 1 | 13983.106 | 1 | 1.465 | ..... | 0.517 | ..... | 3.5 | 0.8 | 290 | |
| 181 | 816 | 1800 | 12 | 3 | 1 | 13983.107 | 1 | 1.460 | ..... | 0.492 | ..... | 2.1 | 0.7 | 290 | |
| 182 | 817 | 600 | 12 | 3 | 1 | 13983.108 | 1 | 1.455 | ..... | 0.468 | ..... | 1.2 | 0.6 | 295 | |
| 183 | 817 | 1800 | 12 | 3 | 1 | 13983.109 | 1 | 1.452 | ..... | 0.454 | ..... | 1.6 | 0.6 | 295 | 8.2 |
| 184 | 818 | 600 | 12 | 3 | 1 | 13983.1010 | 1 | 1.448 | ..... | 0.436 | ..... | 1.4 | 0.7 | 300 | |
| 185 | 818 | 1800 | 12 | 3 | 1 | 13983.1011 | 1 | 1.445 | ..... | 0.423 | ..... | 2.6 | 0.6 | 300 | |
| 186 | 819 | 600 | 12 | 3 | 1 | 13983.1012 | 1 | 1.440 | ..... | 0.402 | ..... | 0.7 | 0.7 | 300 | |
| 187 | 819 | 1800 | 12 | 3 | 1 | 13983.1013 | 1 | 1.445 | ..... | 0.423 | ..... | 1.9 | 0.9 | 300 | 8.2 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | 819 | 1800 | 12 | 3 | 1 | 13983.1013 | 1 | 1.445 | ..... | 0.423 | ..... | | | 1.9 | 0.9 | 300 | 8.2 |
| 189 | 820 | 600 | 12 | 3 | 1 | 13983.1014 | 1 | 1.442 | ..... | 0.411 | ..... | | | 2.4 | 0.7 | 300 | |
| 190 | 820 | 1213 | ..... | 1 | 1 | 13975.1 | 1 | 1.430 | 1 | 0.345 | ..... | | | 1.4 | 1.7 | 310 | |
| 191 | 820 | 1800 | 12 | 3 | 1 | 13983.1015 | 1 | 1.440 | ..... | 0.402 | ..... | | | 1.9 | 0.9 | 310 | |
| 192 | 821 | 600 | 12 | 3 | 1 | 13983.1016 | 1 | 1.435 | ..... | 0.382 | ..... | | | 1.2 | 0.6 | 315 | |
| 193 | 821 | 1800 | 12 | 3 | 1 | 13983.1017 | 1 | 1.432 | ..... | 0.371 | ..... | | | 3.5 | 0.7 | 310 | 8.2 |
| 194 | 822 | 600 | 12 | 3 | 1 | 13983.1018 | 1 | 1.430 | ..... | 0.364 | ..... | | | 2.0 | 0.7 | 315 | |
| 195 | 822 | 1800 | 12 | 3 | 1 | 13983.1019 | 1 | 1.430 | ..... | 0.364 | ..... | | | 1.6 | 0.7 | 315 | |
| 196 | 823 | 600 | 12 | 3 | 1 | 13983.1020 | 1 | 1.430 | ..... | 0.364 | ..... | | | 1.5 | 0.7 | 320 | |
| 197 | 823 | 1800 | 12 | 3 | 1 | 13983.1021 | 1 | 1.428 | ..... | 0.356 | ..... | | | 1.9 | 0.8 | 295 | |
| 198 | 824 | 600 | 12 | 3 | 1 | 13983.1022 | 1 | 1.425 | ..... | 0.345 | ..... | | | 2.2 | 0.8 | 295 | |
| 199 | 824 | 1800 | 12 | 3 | 1 | 13983.1023 | 2 | 1.440 | ..... | 0.402 | ..... | | | 3.8 | 1.5 | 295 | |
| 200 | 825 | 600 | 12 | 3 | 1 | 13983.1024 | 3 | 1.480 | ..... | 0.599 | ..... | | | 16.4 | 2.5 | 280 | 8.0 |
| 201 | 825 | 1800 | 12 | 3 | 1 | 13983.1025 | 4 | 1.470 | ..... | 0.543 | ..... | | | 14.6 | 2.5 | 285 | |
| 202 | 826 | 600 | 12 | 3 | 1 | 13983.1026 | 4 | 1.460 | ..... | 0.492 | ..... | | | 117.4 | 4.2 | 290 | |
| 203 | 826 | 1140 | ..... | 1 | 1 | 13984.1 | 4 | 1.446 | 1 | 0.423 | ..... | | | 1.9 | 2.4 | 285 | 8.1 |
| 204 | 826 | 1800 | 12 | 3 | 1 | 13998.101 | 4 | 1.450 | ..... | 0.445 | ..... | | | 6.5 | 2.2 | 310 | |
| 205 | 827 | 600 | 12 | 3 | 1 | 13998.102 | 4 | 1.442 | ..... | 0.411 | ..... | | | 5.2 | 1.5 | 310 | |
| 206 | 827 | 1800 | 12 | 3 | 1 | 13998.103 | 1 | 1.438 | ..... | 0.394 | ..... | | | 3.8 | 1.7 | 305 | |
| 207 | 828 | 600 | 12 | 3 | 1 | 13998.104 | 1 | 1.430 | ..... | 0.364 | ..... | | | 3.2 | 1.9 | 310 | 8.2 |
| 208 | 828 | 1800 | 12 | 3 | 1 | 13998.105 | 1 | 1.430 | ..... | 0.364 | ..... | | | 4.3 | 1.7 | 310 | |
| 209 | 829 | 600 | 12 | 3 | 1 | 13998.106 | 1 | 1.425 | ..... | 0.345 | ..... | | | 3.2 | 1.7 | 310 | |
| 210 | 829 | 1800 | 12 | 3 | 1 | 13998.107 | 1 | 1.422 | ..... | 0.335 | ..... | | | 4.2 | 1.7 | 310 | |
| 211 | 830 | 600 | 12 | 3 | 1 | 13998.108 | 1 | 1.425 | ..... | 0.345 | ..... | | | 3.6 | 1.9 | 310 | 8.2 |
| 212 | 830 | 1800 | 12 | 3 | 1 | 13998.109 | 1 | 1.440 | ..... | 0.402 | ..... | | | 2.8 | 1.6 | 310 | |
| 213 | 831 | 600 | 12 | 3 | 1 | 13998.1010 | 1 | 1.438 | ..... | 0.394 | ..... | | | 5.5 | 1.9 | 310 | |
| 214 | 831 | 1800 | 12 | 3 | 1 | 13998.1011 | 1 | 1.430 | ..... | 0.364 | ..... | | | 5.6 | 1.7 | 315 | |
| 215 | 901 | 600 | 12 | 3 | 1 | 13998.1012 | 1 | 1.430 | ..... | 0.364 | ..... | | | 4.9 | 2.3 | 315 | 8.2 |
| 216 | 901 | 1800 | 12 | 3 | 1 | 13998.1013 | 1 | 1.420 | ..... | 0.328 | ..... | | | 4.5 | 2.0 | 315 | |
| 217 | 902 | 600 | 12 | 3 | 1 | 13998.1014 | 1 | 1.422 | ..... | 0.335 | ..... | | | 7.0 | 2.1 | 320 | |
| 218 | 902 | 1800 | 12 | 3 | 1 | 13998.1015 | 1 | 1.422 | ..... | 0.335 | ..... | | | 4.7 | 1.4 | 320 | |
| 219 | 903 | 600 | 12 | 3 | 1 | 13998.1016 | 2 | 1.440 | ..... | 0.402 | ..... | | | 4.1 | 3.2 | 320 | 8.2 |
| 220 | 903 | 1800 | 12 | 3 | 1 | 13998.1017 | 1 | 1.445 | ..... | 0.423 | ..... | | | 4.5 | 2.5 | 315 | |
| 221 | 904 | 600 | 12 | 3 | 1 | 13998.1018 | 1 | 1.445 | ..... | 0.423 | ..... | | | 5.4 | 2.5 | 320 | |
| 222 | 904 | 1615 | ..... | 1 | 1 | 13997.1 | 2 | 1.483 | ..... | 0.617 | ..... | | | 4.8 | 3.5 | 310 | 8.1 |
| 223 | 904 | 1800 | 12 | 3 | 1 | 13840.101 | 2 | 1.510 | ..... | 0.802 | ..... | | | 8.3 | 3.2 | 295 | 8.5 |
| 224 | 905 | 600 | 12 | 3 | 1 | 13840.102 | 4 | 1.535 | ..... | 1.019 | ..... | | | 4.5 | 2.0 | 285 | |
| 225 | 905 | 1800 | 12 | 3 | 1 | 13840.103 | 4 | 1.518 | ..... | 0.867 | ..... | | | 2.1 | 1.3 | 280 | |
| 226 | 906 | 600 | 12 | 3 | 1 | 13840.104 | 4 | 1.500 | ..... | 0.729 | ..... | | | 6.8 | 2.3 | 280 | |
| 227 | 906 | 1800 | 12 | 3 | 1 | 13840.105 | 4 | 1.480 | ..... | 0.599 | ..... | | | 1.9 | 0.7 | 280 | |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 907 | 1800 | 12 | 3 | 1 | 13840.107 | 4 | 1.460 | ..... | 0.492 | ..... | 2.3 | 0.6 | 275 | |
| 229 | 908 | 600 | 12 | 3 | 1 | 13840.108 | 1 | 1.452 | ..... | 0.454 | ..... | 5.1 | 2.6 | 275 | |
| 230 | 908 | 1800 | 12 | 3 | 1 | 13840.109 | 1 | 1.450 | ..... | 0.445 | ..... | 0.7 | 0.6 | 280 | 8.5 |
| 231 | 909 | 600 | 12 | 3 | 1 | 13840.1010 | 1 | 1.445 | ..... | 0.423 | ..... | 1.4 | 0.7 | 285 | |
| 232 | 909 | 1800 | 12 | 3 | 1 | 13840.1011 | 1 | 1.440 | ..... | 0.402 | ..... | 1.0 | 0.6 | 285 | |
| 233 | 910 | 600 | 12 | 3 | 1 | 13840.1012 | 1 | 1.438 | ..... | 0.394 | ..... | 0.7 | 0.6 | 285 | |
| 234 | 910 | 1800 | 12 | 3 | 1 | 13840.1013 | 2 | 1.450 | ..... | 0.445 | ..... | 3.1 | 1.8 | 280 | 8.5 |
| 235 | 911 | 600 | 12 | 3 | 1 | 13840.1014 | 2 | 1.580 | ..... | 1.551 | ..... | 26.7 | 0.9 | 260 | |
| 236 | 911 | 1800 | 12 | 3 | 1 | 13840.1015 | 4 | 1.582 | ..... | 1.580 | ..... | 22.8 | 16.0 | 250 | |
| 237 | 912 | 600 | 12 | 3 | 1 | 13840.1016 | 4 | 1.560 | ..... | 1.289 | ..... | 7.4 | 4.5 | 240 | |
| 238 | 912 | 1800 | 12 | 3 | 1 | 13840.1017 | 4 | 1.545 | ..... | 1.120 | ..... | 3.6 | 2.3 | 240 | 8.4 |
| 239 | 913 | 600 | 12 | 3 | 1 | 13840.1018 | 4 | 1.535 | ..... | 1.019 | ..... | 1.4 | 2.0 | 240 | |
| 240 | 913 | 1800 | 12 | 3 | 1 | 13840.1019 | 4 | 1.525 | ..... | 0.927 | ..... | 1.9 | 2.0 | 245 | |
| 241 | 914 | 600 | 12 | 3 | 1 | 13840.1020 | 1 | 1.518 | ..... | 0.867 | ..... | 3.4 | 2.1 | 250 | |
| 242 | 914 | 1800 | 12 | 3 | 1 | 13840.1021 | 1 | 1.510 | ..... | 0.802 | ..... | 1.4 | 1.6 | 260 | 8.3 |
| 243 | 915 | 600 | 12 | 3 | 1 | 13840.1022 | 1 | 1.500 | ..... | 0.729 | ..... | 0.7 | 1.5 | 260 | |
| 244 | 915 | 1800 | 12 | 3 | 1 | 13840.1023 | 1 | 1.495 | ..... | 0.694 | ..... | 2.9 | 1.5 | 265 | |
| 245 | 916 | 600 | 12 | 3 | 1 | 13840.1024 | 1 | 1.495 | ..... | 0.694 | ..... | 2.1 | 1.7 | 270 | |
| 246 | 916 | 1800 | 12 | 3 | 1 | 13840.1025 | 1 | 1.500 | ..... | 0.729 | ..... | 3.8 | 2.0 | 265 | 8.3 |
| 247 | 917 | 600 | 12 | 3 | 1 | 13840.1026 | 1 | 1.505 | ..... | 0.765 | ..... | 2.1 | 0.9 | 265 | |
| 248 | 917 | 1800 | 12 | 3 | 1 | 13840.1027 | 1 | 1.507 | ..... | 0.780 | ..... | 0.7 | 0.9 | 265 | |
| 249 | 918 | 600 | 12 | 3 | 1 | 13840.1028 | 1 | 1.505 | ..... | 0.765 | ..... | 2.0 | 1.0 | 265 | |

TABLE 32
SUMMARY FOR ROCKY/CLEARWATER FOREST
1986

| SUMMARY FOR | NUMBER OF SAMPLES OF TYPE | | | | | ARITHMETIC MEAN/STDEV | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | SUM | AC FLOW | SED MG/L | TURB JTU | CONC uMHO | pH |
| BAKER | 1 | | 98 | | 99 | 1 | 12 | 1.9 | 250.3 | 8 |
| | | | | | | | 13 | 1.3 | 36.4 | 0.3 |
| BUSTER | 25 | | 130 | 1 | 156 | 17 | 7.7 | 1.2 | 225.2 | 7.7 |
| | | | | | | | 7.3 | 1.2 | 31.7 | 0.2 |
| CLARK | 13 | | 213 | | 226 | 8 | 29.5 | 16.4 | 8124.6 | 7.5 |
| | | | | | | | 111.5 | 39.2 | 24.6 | 0.3 |
| CLINE | 39 | | | | 39 | 9 | 3301.7 | 289.3 | 290 | 8 |
| | | | | | | | 5579.6 | 387.2 | 65.2 | 0.2 |
| DRY | 9 | | 239 | 23 | 271 | 9 | 28.8 | 9.8 | 300.1 | 8.1 |
| | | | | | | | 122.4 | 20.2 | 62.3 | 0.3 |
| EASY | 16 | | 245 | | 261 | 8 | 19.2 | 17.5 | 72.5 | 7.1 |
| | | | | | | | 54.3 | 15.8 | 17.2 | 0.2 |
| INDIAN | 23 | | | | 23 | 14 | 3.6 | 1.2 | 204.7 | 7.6 |
| | | | | | | | 4 | 1.2 | 38.7 | 0.2 |
| WAWA | 13 | | 236 | | 249 | 10 | 12.3 | 4.9 | 251.7 | 8.1 |
| | | | | | | | 22.6 | 7 | 33.7 | 0.2 |
| SUB TOTALS | 139 | 0 | 1161 | 24 | | | | | | |
| GRAND TOTALS | | | | | 1324 | 76 | | | | |

ERRATUM: IN THE TABLES OF STRFAMFLOW, ALL $DAM^3$ AND TOTAL SEASONAL FLOWS SHOULD BE MULTIPLIED BY 86400 .

TABLE 33

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR EAST OYSTER CREEK, BOW CROW FOREST, 1986
JUNE 11, 1986 - SEPTEMBER 17, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | ..... | 0.123 | 0.054 | 0.050 | ..... |
| 2 | ..... | ..... | 0.110 | 0.057 | 0.052 | ..... |
| 3 | ..... | ..... | 0.121 | 0.059 | 0.050 | ..... |
| 4 | ..... | ..... | 0.121 | 0.053 | 0.049 | ..... |
| 5 | ..... | ..... | 0.117 | 0.049 | 0.050 | ..... |
| 6 | ..... | ..... | 0.096 | 0.044 | 0.053 | ..... |
| 7 | ..... | ..... | 0.085 | 0.050 | 0.043 | ..... |
| 8 | ..... | ..... | 0.092 | 0.055 | 0.043 | ..... |
| 9 | ..... | ..... | 0.087 | 0.048 | 0.048 | ..... |
| 10 | ..... | ..... | 0.085 | 0.053 | 0.048 | ..... |
| 11 | ..... | 0.449 | 0.085 | 0.042 | 0.061 | ..... |
| 12 | ..... | 0.400 | 0.082 | 0.047 | 0.061 | ..... |
| 13 | ..... | 0.336 | 0.085 | 0.048 | 0.057 | ..... |
| 14 | ..... | 0.310 | 0.082 | 0.050 | 0.057 | ..... |
| 15 | ..... | 0.364 | 0.092 | 0.043 | 0.053 | ..... |
| 16 | ..... | 0.280 | 0.132 | 0.045 | 0.056 | ..... |
| 17 | ..... | 0.242 | 0.088 | 0.047 | 0.121 | ..... |
| 18 | ..... | 0.236 | 0.063 | 0.049 | ..... | ..... |
| 19 | ..... | 0.212 | 0.055 | 0.049 | ..... | ..... |
| 20 | ..... | 0.198 | 0.049 | 0.044 | ..... | ..... |
| 21 | ..... | 0.165 | 0.053 | 0.049 | ..... | ..... |
| 22 | ..... | 0.160 | 0.049 | 0.052 | ..... | ..... |
| 23 | ..... | 0.156 | 0.047 | 0.053 | ..... | ..... |
| 24 | ..... | 0.156 | 0.065 | 0.050 | ..... | ..... |
| 25 | ..... | 0.154 | 0.115 | 0.048 | ..... | ..... |
| 26 | ..... | 0.156 | 0.160 | 0.053 | ..... | ..... |
| 27 | ..... | 0.150 | 0.110 | 0.049 | ..... | ..... |
| 28 | ..... | 0.143 | 0.083 | 0.045 | ..... | ..... |
| 29 | ..... | 0.152 | 0.070 | 0.069 | ..... | ..... |
| 30 | ..... | 0.135 | 0.071 | 0.050 | ..... | ..... |
| 31 | ..... | ..... | 0.053 | 0.047 | ..... | ..... |
| MEAN | | 0.228 | 0.088 | 0.050 | 0.056 | |
| MAX. | | 0.449 | 0.160 | 0.069 | 0.121 | |
| MIN. | | 0.135 | 0.047 | 0.042 | 0.043 | |
| DAM^3 | | 0.005 | 0.003 | 0.002 | 0.001 | |

TOTAL SEASONAL FLOW= 0.010 DAM^3
MEAN DAILY DISCHARGE= 0.099
MAX. DAILY DISCHARGE= 0.049 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.042 MIN. INST. FLOW= 0.036

DRAINAGE AREA: 929 HA LOCATION: 4-5-14-5-W5
PHASE 3 CODE: H16 A14 E7 LAT/LON: 50 08'/114 40'
RATING CURVE: FLOW = 30.538-53.204*STAGE+23.153*STAGE^2
COMMENTS: STEVENS GAUGE

TABLE 34

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR WEST OYSTER CREEK,BOW CROW FOREST, 1986
JUNE 7, 1986 - SEPTEMBER 10, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | ..... | 0.337 | 0.184 | 0.107 | ..... |
| 2 | ..... | ..... | 0.352 | 0.172 | 0.095 | ..... |
| 3 | ..... | ..... | 0.334 | 0.164 | 0.096 | ..... |
| 4 | ..... | ..... | 0.323 | 0.159 | 0.099 | ..... |
| 5 | ..... | ..... | 0.304 | 0.168 | 0.113 | ..... |
| 6 | ..... | ..... | 0.264 | 0.162 | 0.107 | ..... |
| 7 | ..... | 1.568 | 0.240 | 0.148 | 0.104 | ..... |
| 8 | ..... | 1.481 | 0.232 | 0.138 | 0.109 | ..... |
| 9 | ..... | 1.365 | 0.236 | 0.135 | 0.121 | ..... |
| 10 | ..... | 1.305 | 0.212 | 0.131 | 0.116 | ..... |
| 11 | ..... | 1.275 | 0.206 | 0.167 | ..... | ..... |
| 12 | ..... | 1.114 | 0.208 | 0.135 | ..... | ..... |
| 13 | ..... | 0.957 | 0.199 | 0.134 | ..... | ..... |
| 14 | ..... | 0.867 | 0.184 | 0.117 | ..... | ..... |
| 15 | ..... | 0.949 | 0.180 | 0.103 | ..... | ..... |
| 16 | ..... | 0.816 | 0.184 | 0.099 | ..... | ..... |
| 17 | ..... | 0.725 | 0.272 | 0.090 | ..... | ..... |
| 18 | ..... | 0.720 | 0.227 | 0.088 | ..... | ..... |
| 19 | ..... | 0.682 | 0.200 | 0.084 | ..... | ..... |
| 20 | ..... | 0.597 | 0.186 | 0.084 | ..... | ..... |
| 21 | ..... | 0.533 | 0.173 | 0.080 | ..... | ..... |
| 22 | ..... | 0.486 | 0.170 | 0.081 | ..... | ..... |
| 23 | ..... | 0.456 | 0.160 | 0.078 | ..... | ..... |
| 24 | ..... | 0.441 | 0.152 | 0.079 | ..... | ..... |
| 25 | ..... | 0.426 | 0.166 | 0.076 | ..... | ..... |
| 26 | ..... | 0.395 | 0.264 | 0.073 | ..... | ..... |
| 27 | ..... | 0.371 | 0.366 | 0.074 | ..... | ..... |
| 28 | ..... | 0.358 | 0.268 | 0.079 | ..... | ..... |
| 29 | ..... | 0.373 | 0.234 | 0.080 | ..... | ..... |
| 30 | ..... | 0.354 | 0.212 | 0.153 | ..... | ..... |
| 31 | ..... | ..... | 0.197 | 0.148 | ..... | ..... |
| MEAN | | 0.776 | 0.234 | 0.118 | 0.107 | |
| MAX. | | 1.568 | 0.366 | 0.184 | 0.121 | |
| MIN. | | 0.354 | 0.152 | 0.073 | 0.095 | |
| DAM^3 | | 0.019 | 0.007 | 0.004 | 0.001 | |

TOTAL SEASONAL FLOW= 0.031 DAM^3
MEAN DAILY DISCHARGE= 0.318
MAX. DAILY DISCHARGE= 1.568 MAX. INST. FLOW= 1.723
MIN. DAILY DISCHARGE= 0.073 MIN. INST. FLOW= 0.069

DRAINAGE AREA: 1160 HA LOCATION: 4-5-14-5-W5
PHASE 3 CODE: H16 A14 E7 LAT/LON: 50 08'/114 40'
RATING CURVE: FLOW = 3.554-10.235*STAGE+7.397*STAGE^2
COMMENTS: STEVENS GAUGE

TABLE 35

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR PASQUE CREEK, BOW CROW FOREST, 1986
JUNE 18, 1986 - SEPTEMBER 10, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | ..... | 0.144 | 0.078 | 0.081 | ..... |
| 2 | ..... | ..... | 0.139 | 0.075 | 0.072 | ..... |
| 3 | ..... | ..... | 0.138 | 0.073 | 0.067 | ..... |
| 4 | ..... | ..... | 0.145 | 0.071 | 0.067 | ..... |
| 5 | ..... | ..... | 0.146 | 0.069 | 0.084 | ..... |
| 6 | ..... | ..... | 0.130 | 0.068 | 0.077 | ..... |
| 7 | ..... | ..... | 0.117 | 0.064 | 0.074 | ..... |
| 8 | ..... | ..... | 0.108 | 0.061 | 0.075 | ..... |
| 9 | ..... | ..... | 0.119 | 0.059 | 0.079 | ..... |
| 10 | ..... | ..... | 0.109 | 0.058 | 0.075 | ..... |
| 11 | ..... | ..... | 0.107 | 0.087 | ..... | ..... |
| 12 | ..... | ..... | 0.103 | 0.099 | ..... | ..... |
| 13 | ..... | ..... | 0.096 | 0.107 | ..... | ..... |
| 14 | ..... | ..... | 0.090 | 0.079 | ..... | ..... |
| 15 | ..... | ..... | 0.085 | 0.069 | ..... | ..... |
| 16 | ..... | ..... | 0.085 | 0.061 | ..... | ..... |
| 17 | ..... | ..... | 0.133 | 0.054 | ..... | ..... |
| 18 | ..... | 0.302 | 0.109 | 0.050 | ..... | ..... |
| 19 | ..... | 0.286 | 0.095 | 0.049 | ..... | ..... |
| 20 | ..... | 0.264 | 0.087 | 0.049 | ..... | ..... |
| 21 | ..... | 0.246 | 0.082 | 0.044 | ..... | ..... |
| 22 | ..... | 0.222 | 0.076 | 0.044 | ..... | ..... |
| 23 | ..... | 0.206 | 0.076 | 0.041 | ..... | ..... |
| 24 | ..... | 0.194 | 0.078 | 0.041 | ..... | ..... |
| 25 | ..... | 0.193 | 0.084 | 0.040 | ..... | ..... |
| 26 | ..... | 0.178 | 0.112 | 0.040 | ..... | ..... |
| 27 | ..... | 0.168 | 0.127 | 0.034 | ..... | ..... |
| 28 | ..... | 0.169 | 0.107 | 0.032 | ..... | ..... |
| 29 | ..... | 0.175 | 0.096 | 0.032 | ..... | ..... |
| 30 | ..... | 0.157 | 0.089 | 0.103 | ..... | ..... |
| 31 | ..... | ..... | 0.087 | 0.123 | ..... | ..... |
| MEAN | | 0.212 | 0.106 | 0.063 | 0.075 | |
| MAX. | | 0.302 | 0.146 | 0.123 | 0.084 | |
| MIN. | | 0.157 | 0.076 | 0.032 | 0.067 | |
| DAM^3 | | 0.003 | 0.003 | 0.002 | 0.001 | |

TOTAL SEASONAL FLOW= 0.009 DAM^3
MEAN DAILY DISCHARGE= 0.103
MAX. DAILY DISCHARGE= 0.302 MAX. INST. FLOW= 0.314
MIN. DAILY DISCHARGE= 0.032 MIN. INST. FLOW= 0.029

DRAINAGE AREA: 2151 HA LOCATION: 12-22-13-5-W5
PHASE 3 CODE: H16 A14 E1 LAT/LON: 50 05'/114 37'
RATING CURVE: FLOW = 3.607-10.513*STAGE+7.621*STAGE^2
COMMENTS: STEVENS GAUGE

TABLE 36

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR HODGE CREEK, GRANDE PRAIRIE FOREST, 1986
MAY 26,1986 - AUGUST 15, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.129 | 0.038 | ..... | ..... | ..... |
| 2 | ..... | 0.107 | 0.036 | ..... | ..... | ..... |
| 3 | ..... | 0.095 | 0.034 | ..... | ..... | ..... |
| 4 | ..... | 0.088 | 0.033 | ..... | ..... | ..... |
| 5 | ..... | ..... | 0.033 | ..... | ..... | ..... |
| 6 | ..... | ..... | 0.040 | 0.048 | ..... | ..... |
| 7 | ..... | ..... | 0.031 | 0.048 | ..... | ..... |
| 8 | ..... | ..... | 0.029 | 0.047 | ..... | ..... |
| 9 | ..... | ..... | 0.029 | 0.047 | ..... | ..... |
| 10 | ..... | ..... | 0.053 | 0.046 | ..... | ..... |
| 11 | ..... | 0.067 | 0.156 | 0.047 | ..... | ..... |
| 12 | ..... | 0.063 | 0.122 | 0.047 | ..... | ..... |
| 13 | ..... | 0.055 | 0.098 | 0.047 | ..... | ..... |
| 14 | ..... | 0.046 | 0.119 | 0.046 | ..... | ..... |
| 15 | ..... | 0.089 | 0.172 | 0.047 | ..... | ..... |
| 16 | ..... | 0.269 | 0.597 | ..... | ..... | ..... |
| 17 | ..... | 0.291 | 0.631 | ..... | ..... | ..... |
| 18 | ..... | 0.296 | 0.599 | ..... | ..... | ..... |
| 19 | ..... | 0.451 | 0.412 | ..... | ..... | ..... |
| 20 | ..... | 0.302 | 0.271 | ..... | ..... | ..... |
| 21 | ..... | 0.185 | 0.174 | ..... | ..... | ..... |
| 22 | ..... | 0.124 | 0.122 | ..... | ..... | ..... |
| 23 | ..... | 0.101 | 0.113 | ..... | ..... | ..... |
| 24 | ..... | 0.091 | 0.114 | ..... | ..... | ..... |
| 25 | ..... | 0.077 | 0.089 | ..... | ..... | ..... |
| 26 | ..... 0.238 | 0.062 | 0.069 | ..... | ..... | ..... |
| 27 | ..... 0.225 | 0.052 | 0.059 | ..... | ..... | ..... |
| 28 | ..... 0.208 | 0.047 | 0.058 | ..... | ..... | ..... |
| 29 | ..... 0.192 | 0.043 | 0.055 | ..... | ..... | ..... |
| 30 | ..... 0.170 | 0.039 | 0.054 | ..... | ..... | ..... |
| 31 | ..... 0.148 | ..... | 0.051 | ..... | ..... | ..... |
| MEAN | 0.197 | 0.132 | 0.145 | 0.047 | | |
| MAX. | 0.238 | 0.451 | 0.631 | 0.048 | | |
| MIN. | 0.148 | 0.039 | 0.029 | 0.046 | | |
| DAM^3 | 0.001 | 0.003 | 0.004 | 0.000 | | |

TOTAL SEASONAL FLOW= 0.009 DAM^3
MEAN DAILY DISCHARGE= 0.131
MAX. DAILY DISCHARGE= 0.631 MAX. INST. FLOW= 0.750
MIN. DAILY DISCHARGE= 0.029 MIN. INST. FLOW= 0.028

DRAINAGE AREA: 31.4 HA LOCATION: NE 36-61-9-W6
PHASE 3 CODE: A9 B14 A9 LAT/LON: 54 35'/117 49'
RATING CURVE: FLOW = .007+.395*STAGE+.999*STAGE^2
COMMENTS: STEVENS GAUGE, ISCO

TABLE 37

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR REDROCK CREEK, GRANDE PRAIRIE FOREST, 1986
MAY 27, 1986 - SEPTEMBER 8, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.162 | 0.462 | ..... | 0.257 | ..... |
| 2 | ..... | 0.146 | 0.435 | ..... | 0.265 | ..... |
| 3 | ..... | 0.134 | 0.415 | ..... | 0.277 | ..... |
| 4 | ..... | 0.330 | 0.407 | ..... | 0.317 | ..... |
| 5 | ..... | 0.327 | 0.502 | ..... | 0.346 | ..... |
| 6 | ..... | 0.330 | 0.491 | ..... | 0.325 | ..... |
| 7 | ..... | 0.334 | 0.511 | 0.358 | 0.322 | ..... |
| 8 | ..... | 0.367 | 0.471 | 0.356 | 0.328 | ..... |
| 9 | ..... | 0.360 | 0.451 | 0.349 | ..... | ..... |
| 10 | ..... | 0.386 | 0.440 | 0.348 | ..... | ..... |
| 11 | ..... | 0.406 | 0.420 | 0.342 | ..... | ..... |
| 12 | ..... | 0.403 | 0.402 | 0.334 | ..... | ..... |
| 13 | ..... | 0.390 | 0.396 | 0.331 | ..... | ..... |
| 14 | ..... | 0.382 | 0.388 | 0.327 | ..... | ..... |
| 15 | ..... | 0.584 | 0.397 | 0.323 | ..... | ..... |
| 16 | ..... | 0.656 | 0.555 | 0.326 | ..... | ..... |
| 17 | ..... | 0.557 | 0.651 | 0.324 | ..... | ..... |
| 18 | ..... | 0.510 | 0.553 | 0.320 | ..... | ..... |
| 19 | ..... | 0.499 | 0.497 | 0.329 | ..... | ..... |
| 20 | ..... | 0.470 | 0.463 | 0.323 | ..... | ..... |
| 21 | ..... | 0.450 | 0.456 | 0.319 | ..... | ..... |
| 22 | ..... | 0.436 | 0.444 | 0.316 | ..... | ..... |
| 23 | ..... | 0.441 | 0.429 | 0.308 | ..... | ..... |
| 24 | ..... | 0.434 | 0.431 | 0.301 | ..... | ..... |
| 25 | ..... | 0.419 | 0.420 | 0.298 | ..... | ..... |
| 26 | ..... | 0.410 | 0.416 | 0.290 | ..... | ..... |
| 27 | ..... 0.255 | 0.405 | 0.410 | 0.279 | ..... | ..... |
| 28 | ..... 0.237 | 0.411 | 0.406 | 0.270 | ..... | ..... |
| 29 | ..... 0.215 | 0.416 | 0.399 | 0.267 | ..... | ..... |
| 30 | ..... 0.196 | 0.453 | 0.390 | 0.265 | ..... | ..... |
| 31 | ..... 0.178 | ..... | ..... | 0.255 | ..... | ..... |
| MEAN | 0.216 | 0.400 | 0.450 | 0.314 | 0.305 | |
| MAX. | 0.255 | 0.656 | 0.651 | 0.358 | 0.346 | |
| MIN. | 0.178 | 0.134 | 0.388 | 0.255 | 0.257 | |
| DAM^3 | 0.001 | 0.012 | 0.014 | 0.008 | 0.002 | |

TOTAL SEASONAL FLOW= 0.037 DAM^3
MEAN DAILY DISCHARGE= 0.376
MAX. DAILY DISCHARGE= 0.656 MAX. INST. FLOW= 0.806
MIN. DAILY DISCHARGE= 0.134 MIN. INST. FLOW= 0.129

DRAINAGE AREA: 79.9 HA LOCATION: NE 36-61-9-W6
PHASE 3 CODE: A9 C16 E2 LAT/LON: 54 25'/119 21'
RATING CURVE: FLOW = .005362e^(12.4423389*STAGE)
COMMENTS: STEVENS GAUGE, ISCO

TABLE 38

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR BUSTER CREEK, ROCKY CLEARWATER FOREST, 1986
MAY 8, 1986 - OCTOBER 15, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.213 | 1.285 | 1.317 | 0.105 | 6.214 |
| 2 | ..... | 0.162 | 1.000 | 0.951 | 0.111 | 4.747 |
| 3 | ..... | 0.141 | 0.851 | 0.723 | 0.202 | 3.314 |
| 4 | ..... | 0.115 | 0.781 | 0.758 | 0.445 | 2.625 |
| 5 | ..... | 0.088 | 0.923 | 0.714 | 1.404 | 2.141 |
| 6 | ..... | 0.104 | 0.929 | 0.766 | 1.116 | 1.666 |
| 7 | ..... | 0.101 | 0.940 | 0.558 | 0.859 | 1.306 |
| 8 | 0.475 | 0.146 | 0.812 | 0.561 | 0.679 | 1.204 |
| 9 | 0.492 | 0.142 | 0.942 | 0.507 | 0.538 | 1.042 |
| 10 | 0.582 | 0.116 | 0.880 | 0.402 | 0.429 | 0.941 |
| 11 | 0.584 | 0.103 | 0.864 | 0.311 | 0.644 | 0.772 |
| 12 | 0.501 | 0.103 | 0.647 | 0.807 | 0.937 | 0.689 |
| 13 | 0.446 | 0.116 | 0.512 | 1.152 | 0.989 | 0.619 |
| 14 | 0.732 | 0.081 | 0.403 | 0.896 | 0.791 | 0.577 |
| 15 | 0.773 | 0.098 | 0.380 | 0.625 | 0.668 | 0.543 |
| 16 | 1.209 | 0.143 | 0.415 | 0.450 | 0.811 | ..... |
| 17 | 1.708 | 0.113 | ..... | 0.348 | 1.104 | ..... |
| 18 | 1.645 | 0.087 | ..... | 0.284 | 0.969 | ..... |
| 19 | 1.467 | 0.561 | ..... | 0.229 | 0.756 | ..... |
| 20 | 1.315 | 0.799 | ..... | 0.193 | 0.617 | ..... |
| 21 | 1.307 | 0.642 | ..... | 0.165 | 0.522 | ..... |
| 22 | 1.511 | 0.503 | ..... | 0.140 | 0.447 | ..... |
| 23 | 1.221 | 0.416 | 7.896 | 0.131 | 0.406 | ..... |
| 24 | 0.992 | 0.332 | 4.792 | 0.128 | 0.358 | ..... |
| 25 | 0.834 | 0.336 | 2.989 | 0.174 | 1.281 | ..... |
| 26 | 0.722 | 0.340 | 2.107 | 0.182 | ..... | |
| 27 | 0.599 | 0.270 | 2.007 | 0.157 | ..... | |
| 28 | 0.499 | 0.284 | 1.710 | 0.135 | ..... | |
| 29 | 0.409 | 0.451 | 2.447 | 0.121 | ..... | |
| 30 | 0.336 | 1.458 | 2.692 | 0.117 | 7.352 | ..... |
| 31 | 0.314 | ..... | 1.948 | 0.108 | ..... | |
| MEAN | 0.861 | 0.285 | 1.646 | 0.455 | 0.944 | 1.893 |
| MAX. | 1.708 | 1.458 | 0.790 | 1.317 | 7.532 | 6.214 |
| MIN. | 0.314 | 0.081 | 0.380 | 0.108 | 0.105 | 0.543 |
| DAM^3 | 0.021 | 0.009 | 0.041 | 0.014 | 0.025 | 0.028 |

TOTAL SEASONAL FLOW= 0.137 DAM^3
MEAN DAILY DISCHARGE= 0.910
MAX. DAILY DISCHARGE= 7.896 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.081 MIN. INST. FLOW= 0.051

DRAINAGE AREA: 5800 HA LOCATION: 9-6-41-8-W5
PHASE 3 CODE: H13 C12 K3 LAT/LON: 52 30'/115 08'
RATING CURVE:
FLOW=.77-3.379*STAGE+3.238*STAGE^2 (MAY7-JULY 16)
FLOW=.059*STAGE^7.368 (JULY23-OCT15)
COMMENTS: STEVENS GAUGE, ISCO

TABLE 39

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR CLARK CREEK, ROCKY/CLEARWATER FOREST, 1986
JUNE 1, 1986 - SEPTEMBER 15, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.130 | 0.501 | 0.370 | 0.061 | ..... |
| 2 | ..... | 0.129 | 0.380 | 0.289 | 0.060 | ..... |
| 3 | ..... | 0.120 | 0.314 | 0.247 | 0.056 | ..... |
| 4 | ..... | 0.111 | 0.326 | 0.208 | 0.069 | ..... |
| 5 | ..... | 0.105 | 0.517 | 0.191 | 0.070 | ..... |
| 6 | ..... | 0.102 | 0.520 | 0.176 | 0.063 | ..... |
| 7 | ..... | 0.107 | 0.516 | 0.159 | 0.060 | ..... |
| 8 | ..... | 0.104 | 0.421 | 0.141 | 0.059 | ..... |
| 9 | ..... | 0.095 | 0.363 | 0.121 | 0.056 | ..... |
| 10 | ..... | 0.085 | 0.307 | 0.111 | 0.062 | ..... |
| 11 | ..... | 0.110 | 0.262 | 0.108 | 0.084 | ..... |
| 12 | ..... | 0.111 | 0.253 | 0.108 | 0.081 | ..... |
| 13 | ..... | 0.097 | 0.232 | 0.103 | 0.071 | ..... |
| 14 | ..... | 0.091 | 0.219 | 0.100 | 0.071 | ..... |
| 15 | ..... | 0.133 | 0.318 | 0.097 | 0.073 | ..... |
| 16 | ..... | 0.110 | ..... | 0.092 | ..... | |
| 17 | ..... | 0.100 | ..... | 0.087 | ..... | |
| 18 | ..... | 0.100 | ..... | 0.085 | ..... | |
| 19 | ..... | 0.145 | ..... | 0.076 | ..... | |
| 20 | ..... | 0.135 | ..... | 0.071 | ..... | |
| 21 | ..... | 0.131 | ..... | 0.069 | ..... | |
| 22 | ..... | 0.122 | ..... | 0.069 | ..... | |
| 23 | ..... | 0.112 | ..... | 0.068 | ..... | |
| 24 | ..... | 0.110 | ..... | 0.065 | ..... | |
| 25 | ..... | 0.109 | ..... | 0.068 | ..... | |
| 26 | ..... | 0.092 | ..... | 0.066 | ..... | |
| 27 | ..... | 0.084 | ..... | 0.064 | ..... | |
| 28 | ..... | 0.124 | ..... | 0.063 | ..... | |
| 29 | ..... | 0.743 | ..... | 0.061 | ..... | |
| 30 | ..... | 0.702 | ..... | 0.060 | ..... | |
| 31 | ..... | | ..... | 0.061 | ..... | |
| MEAN | | 0.152 | 0.363 | 0.118 | 0.066 | |
| MAX. | | 0.743 | 0.520 | 0.370 | 0.084 | |
| MIN. | | 0.084 | 0.219 | 0.060 | 0.056 | |
| DAM^3 | | 0.005 | 0.005 | 0.004 | 0.001 | |

TOTAL SEASONAL FLOW= 0.015 DAM^3
MEAN DAILY DISCHARGE= 0.161
MAX. DAILY DISCHARGE= 0.743 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.056 MIN. INST. FLOW= 0.054

DRAINAGE AREA: 1000 HA LOCATION: 12-35-43-18-W5
PHASE 3 CODE: H13 D18 B8 LAT/LON: 52 45'/116 31'
RATING CURVE: FLOW=9.5*10^-75*STAGE^88.788 (MAY31-JULY15)
FLOW=3.85*10^-65*STAGE^81.848 (AUG1-SEPT15)
COMMENTS: STEVENS GAUGE, ISCO

TABLE 40

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR CLINE CREEK, ROCKY/CLEARWATER FOREST, 1986
MAY 13, 1986 - SEPTEMBER 15, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 2.211 | 0.485 | 0.368 | 0.127 | ..... |
| 2 | ..... | 1.764 | 0.442 | 0.353 | 0.123 | ..... |
| 3 | ..... | 1.198 | 0.430 | 0.335 | 0.121 | ..... |
| 4 | ..... | 1.073 | 0.390 | 0.338 | 0.131 | ..... |
| 5 | ..... | 0.992 | 0.390 | 0.336 | 0.130 | ..... |
| 6 | ..... | 0.907 | 0.348 | 0.321 | 0.119 | ..... |
| 7 | ..... | 0.880 | 0.343 | 0.314 | 0.117 | ..... |
| 8 | ..... | 0.798 | 0.335 | 0.304 | 0.115 | ..... |
| 9 | ..... | 0.696 | 0.354 | 0.305 | 0.114 | ..... |
| 10 | ..... | 0.661 | 0.334 | 0.276 | 0.122 | ..... |
| 11 | ..... | 0.673 | 0.305 | 0.273 | 0.139 | ..... |
| 12 | ..... | 0.585 | 0.313 | 0.274 | 0.127 | ..... |
| 13 | ..... 0.123 | 0.560 | 0.309 | 0.273 | 0.121 | ..... |
| 14 | ..... 0.126 | 0.575 | 0.295 | 0.257 | 0.114 | ..... |
| 15 | ..... 0.126 | 0.700 | 0.337 | 0.238 | 0.116 | ..... |
| 16 | ..... 0.128 | 0.517 | 0.355 | 0.226 | ..... | |
| 17 | ..... 0.176 | 0.518 | 0.698 | 0.217 | ..... | |
| 18 | ..... 0.325 | 0.523 | 0.819 | 0.207 | ..... | |
| 19 | ..... 0.691 | 0.494 | 0.962 | 0.209 | ..... | |
| 20 | ..... 1.001 | 0.446 | 1.011 | 0.198 | ..... | |
| 21 | ..... 0.568 | 0.428 | 0.812 | 0.186 | ..... | |
| 22 | ..... 0.268 | 0.421 | 0.686 | 0.181 | ..... | |
| 23 | ..... 0.267 | 0.406 | 0.632 | 0.175 | ..... | |
| 24 | ..... 0.343 | 0.413 | 0.583 | 0.160 | ..... | |
| 25 | ..... 2.974 | 0.390 | 0.524 | 0.154 | ..... | |
| 26 | ..... 4.918 | 0.371 | 0.496 | 0.150 | ..... | |
| 27 | ..... 4.669 | 0.354 | 0.492 | 0.142 | ..... | |
| 28 | ..... 7.820 | 0.340 | 0.485 | 0.137 | ..... | |
| 29 | ..... 5.036 | 0.635 | 0.441 | 0.138 | ..... | |
| 30 | ..... 2.475 | 0.556 | 0.404 | 0.130 | ..... | |
| 31 | ..... 1.916 | ..... | 0.384 | 0.129 | ..... | |
| MEAN | 1.787 | 0.703 | 0.489 | 0.236 | 0.122 | |
| MAX. | 7.820 | 2.211 | 1.011 | 0.368 | 0.139 | |
| MIN. | 0.123 | 0.340 | 0.295 | 0.129 | 0.114 | |
| DAM^3 | 0.034 | 0.021 | 0.015 | 0.007 | 0.002 | |

TOTAL SEASONAL FLOW= 0.079 DAM^3
MEAN DAILY DISCHARGE= 0.630
MAX. DAILY DISCHARGE= 7.820 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.114 MIN. INST. FLOW= 0.109

DRAINAGE AREA: 3087 HA LOCATION: 12-26-37-18-W5
PHASE 3 CODE: H13 C12 A12 LAT/LON: 52 13'/116 29'
RATING CURVE: FLOW=3.3*10^-67*STAGE^84.175 (MAY12-MAY24)
FLOW=6.04*10^-75*STAGE^93.576(MAY25-SEP15)
COMMENTS: STEVENS GAUGE, ISCO

TABLE 41

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR DRY CREEK, ROCKY/CLEARWATER FOREST, 1986
MAY 10, 1986 - SEPTEMBER 17, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.489 | 1.895 | 0.526 | 0.163 | ..... |
| 2 | ..... | 0.458 | 1.215 | 0.465 | 0.165 | ..... |
| 3 | ..... | 0.439 | 0.962 | 0.437 | 0.217 | ..... |
| 4 | ..... | 0.415 | 0.796 | 0.444 | 0.301 | ..... |
| 5 | ..... | 0.411 | 1.131 | 0.401 | 0.471 | ..... |
| 6 | ..... | 0.408 | 1.106 | 0.391 | 0.310 | ..... |
| 7 | ..... | 0.569 | 1.044 | 0.342 | 0.246 | ..... |
| 8 | ..... | 0.839 | 1.119 | 0.329 | 0.216 | ..... |
| 9 | ..... | 0.681 | 0.936 | 0.315 | 0.202 | ..... |
| 10 | ..... 0.433 | 0.533 | 0.908 | 0.288 | 0.191 | ..... |
| 11 | ..... 0.484 | 0.537 | 0.778 | 0.270 | 0.244 | ..... |
| 12 | ..... 0.435 | 0.549 | 0.782 | 0.272 | 0.241 | ..... |
| 13 | ..... 0.396 | 0.468 | 0.735 | 0.263 | 0.228 | ..... |
| 14 | ..... 0.410 | 0.428 | 0.713 | 0.248 | 0.226 | ..... |
| 15 | ..... 0.390 | 0.476 | 0.653 | 0.233 | 0.211 | ..... |
| 16 | ..... 0.430 | 0.438 | 0.674 | 0.222 | 0.222 | ..... |
| 17 | ..... 0.748 | 0.401 | ..... | 0.220 | 0.482 | ..... |
| 18 | ..... 1.419 | 0.389 | ..... | 0.206 | ..... | |
| 19 | ..... 1.691 | 0.787 | 6.118 | 0.201 | ..... | |
| 20 | ..... 1.287 | 0.701 | 2.817 | 0.199 | ..... | |
| 21 | ..... 1.192 | 0.620 | 1.842 | 0.191 | ..... | |
| 22 | ..... 1.639 | 0.556 | 1.764 | 0.185 | ..... | |
| 23 | ..... 1.161 | 0.512 | 1.981 | 0.183 | ..... | |
| 24 | ..... 0.899 | 0.460 | 1.361 | 0.185 | ..... | |
| 25 | ..... 0.773 | 0.420 | 1.146 | 0.189 | ..... | |
| 26 | ..... 0.734 | 0.397 | 1.166 | 0.184 | ..... | |
| 27 | ..... 0.678 | 0.364 | 1.054 | 0.177 | ..... | |
| 28 | ..... 0.629 | 0.346 | 0.809 | 0.171 | ..... | |
| 29 | ..... 0.580 | 1.003 | 0.802 | 0.168 | ..... | |
| 30 | ..... 0.544 | 5.164 | 0.793 | 0.168 | ..... | |
| 31 | ..... 0.513 | ..... | 0.633 | 0.162 | ..... | |
| MEAN | 0.794 | 0.675 | 1.258 | 0.266 | 0.255 | |
| MAX. | 1.691 | 5.164 | 6.118 | 0.526 | 0.482 | |
| MIN. | 0.390 | 0.346 | 0.633 | 0.162 | 0.163 | |
| DAM^3 | 0.018 | 0.020 | 0.038 | 0.008 | 0.004 | |

TOTAL SEASONAL FLOW= 0.088 DAM^3
MEAN DAILY DISCHARGE= 0.682
MAX. DAILY DISCHARGE= 6.118 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.162 MIN. INST. FLOW= 0.157

DRAINAGE AREA: 4280 HA LOCATION: 6-4-38-10-W5
PHASE 3 CODE: H13 A11 E1 LAT/LON: 52 14'/115 22'
RATING CURVE: FLOW=.017*STAGE^8.402 (MAY9-JULY16)
FLOW=.003*STAGE^12.347 (JULY17-SEPT17)
COMMENTS: STEVENS GAUGE, ISCO

TABLE 42

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR EASY CREEK, ROCKY/CLEARWATER FOREST, 1986
MAY 18, 1986 - SEPTEMBER 15, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.674 | 1.635 | 0.278 | 0.081 | ..... |
| 2 | ..... | 0.597 | 1.253 | 0.249 | 0.087 | ..... |
| 3 | ..... | 0.492 | 0.869 | 0.243 | 0.092 | ..... |
| 4 | ..... | 0.437 | 0.717 | 0.236 | 0.117 | ..... |
| 5 | ..... | 0.399 | 0.941 | 0.217 | 0.130 | ..... |
| 6 | ..... | 0.384 | 1.013 | 0.214 | 0.103 | ..... |
| 7 | ..... | 0.355 | 1.289 | 0.197 | 0.091 | ..... |
| 8 | ..... | 0.354 | 1.258 | 0.189 | 0.088 | ..... |
| 9 | ..... | 0.341 | 1.100 | 0.185 | 0.084 | ..... |
| 10 | ..... | 0.327 | 0.925 | 0.172 | 0.097 | ..... |
| 11 | ..... | 0.328 | 0.775 | 0.165 | 0.137 | ..... |
| 12 | ..... | 0.275 | 0.638 | 0.165 | 0.131 | ..... |
| 13 | ..... | 0.251 | 0.460 | 0.157 | 0.115 | ..... |
| 14 | ..... | 0.238 | 0.392 | 0.149 | 0.107 | ..... |
| 15 | ..... | 0.276 | 0.356 | 0.144 | 0.105 | ..... |
| 16 | ..... | 0.245 | 0.339 | 0.137 | ..... | ..... |
| 17 | ..... | 0.240 | ..... | 0.133 | ..... | ..... |
| 18 | ..... 0.445 | 0.237 | ..... | 0.120 | ..... | ..... |
| 19 | ..... 0.655 | 0.301 | 8.925 | 0.125 | ..... | ..... |
| 20 | ..... 0.892 | 0.278 | 3.102 | 0.117 | ..... | ..... |
| 21 | ..... 1.070 | 0.295 | 1.547 | 0.106 | ..... | ..... |
| 22 | ..... 1.050 | 0.284 | 1.099 | 0.096 | ..... | ..... |
| 23 | ..... 0.889 | 0.258 | 0.823 | 0.091 | ..... | ..... |
| 24 | ..... 0.796 | 0.246 | 0.643 | 0.099 | ..... | ..... |
| 25 | ..... 0.848 | 0.236 | 0.558 | 0.104 | ..... | ..... |
| 26 | ..... 1.130 | 0.228 | 0.519 | 0.096 | ..... | ..... |
| 27 | ..... 1.558 | 0.215 | 0.460 | 0.086 | ..... | ..... |
| 28 | ..... 1.464 | 0.204 | 0.406 | 0.080 | ..... | ..... |
| 29 | ..... 1.199 | 0.312 | 0.390 | 0.079 | ..... | ..... |
| 30 | ..... 0.952 | 0.917 | 0.350 | 0.087 | ..... | ..... |
| 31 | ..... 0.776 | ..... | 0.307 | 0.081 | ..... | ..... |
| MEAN | 0.980 | 0.341 | 1.141 | 0.148 | 0.104 | |
| MAX. | 1.558 | 0.917 | 8.925 | 0.278 | 0.137 | |
| MIN. | 0.445 | 0.204 | 0.307 | 0.079 | 0.081 | |
| DAM^3 | 0.014 | 0.010 | 0.033 | 0.005 | 0.002 | |

TOTAL SEASONAL FLOW= 0.063 DAM^3
MEAN DAILY DISCHARGE= 0.531
MAX. DAILY DISCHARGE= 8.925 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.079 MIN. INST. FLOW= 0.075

DRAINAGE AREA: 1898 HA LOCATION: 7-25-38-13-W5
PHASE 3 CODE: H13 A11 E1 LAT/LON: 52 18'/115 43'
RATING CURVE: FLOW=.066*STAGE^12.210
COMMENTS: STEVENS GAUGE, ISCO

TABLE 43

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR INDIAN CREEK, ROCKY/CLEARWATER FOREST, 1986
MAY 7, 1986 - OCTOBER 15, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.701 | 1.136 | ..... | 0.069 | 3.534 |
| 2 | ..... | 0.676 | 0.857 | ..... | 0.073 | 3.312 |
| 3 | ..... | 0.667 | 0.690 | ..... | 0.219 | 2.780 |
| 4 | ..... | 0.651 | 0.582 | ..... | 0.355 | 2.400 |
| 5 | ..... | 0.666 | 0.969 | ..... | 0.625 | 2.040 |
| 6 | ..... | 0.698 | 1.043 | ..... | 0.489 | 1.724 |
| 7 | 1.425 | 0.722 | 0.973 | ..... | 0.364 | 1.482 |
| 8 | 1.333 | 0.897 | 0.908 | ..... | 0.271 | 1.407 |
| 9 | 1.261 | 0.910 | 0.801 | ..... | 0.221 | 1.291 |
| 10 | 1.525 | 0.806 | 0.690 | ..... | 0.190 | 1.323 |
| 11 | 1.737 | 0.812 | 0.629 | ..... | 0.310 | 1.107 |
| 12 | 1.475 | 0.828 | 0.561 | 0.239 | 0.647 | 0.976 |
| 13 | 1.297 | 0.710 | 0.484 | 0.241 | 0.698 | 0.858 |
| 14 | 1.690 | 0.582 | 0.396 | 0.212 | 0.576 | 0.776 |
| 15 | 1.776 | 0.689 | 1.083 | 0.164 | 0.492 | 0.699 |
| 16 | 2.360 | 0.812 | 2.381 | 0.144 | 0.568 | ..... |
| 17 | 3.058 | 0.626 | ..... | 0.118 | 0.772 | ..... |
| 18 | 3.016 | 0.494 | ..... | 0.103 | 0.755 | ..... |
| 19 | 2.543 | 1.343 | ..... | 0.091 | 0.617 | ..... |
| 20 | 2.054 | 1.657 | ..... | 0.085 | 0.512 | ..... |
| 21 | 2.037 | 1.189 | ..... | 0.069 | 0.436 | ..... |
| 22 | 2.827 | 0.866 | ..... | 0.059 | 0.368 | ..... |
| 23 | 2.487 | 0.676 | ..... | 0.058 | 0.318 | ..... |
| 24 | 1.989 | 0.509 | ..... | 0.064 | 0.275 | ..... |
| 25 | 1.693 | 0.464 | ..... | 0.099 | 0.584 | ..... |
| 26 | 1.476 | 0.408 | ..... | 0.093 | 3.042 | ..... |
| 27 | 1.248 | 0.327 | ..... | 0.082 | 4.081 | ..... |
| 28 | 1.115 | 0.258 | ..... | 0.077 | 4.258 | ..... |
| 29 | 0.982 | 0.417 | ..... | 0.076 | 3.609 | ..... |
| 30 | 0.840 | 1.324 | ..... | 0.077 | 3.093 | ..... |
| 31 | 0.733 | ..... | ..... | 0.071 | ..... | ..... |
| MEAN | 1.759 | 0.746 | 0.886 | 0.111 | 0.963 | 1.714 |
| MAX. | 3.058 | 1.657 | 2.381 | 0.241 | 4.258 | 3.534 |
| MIN. | 0.733 | 0.258 | 0.396 | 0.058 | 0.069 | 0.699 |
| DAM^3 | 0.044 | 0.022 | 0.014 | 0.002 | 0.029 | 0.026 |

TOTAL SEASONAL FLOW= 0.137 DAM^3
MEAN DAILY DISCHARGE= 1.010
MAX. DAILY DISCHARGE= 4.258 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.058 MIN. INST. FLOW= 0.053

DRAINAGE AREA: 7700 HA LOCATION: 11-5-43-10-W5
PHASE 3 CODE: H13 C16 B2 LAT LON: 52 41'/115 25'
RATING CURVE:
FLOW=3.687+1.418STAGE+2.129STAGE^2(MAY6-JUL16)
FLOW=5.053-10.238STAGE+5.193STAGE^2(AUG11-OCT15)
COMMENTS: STEVENS GAUGE, ISCO

TABLE 44

DAILY AVERAGE STREAMFLOW DATA (M^3/S)
FOR WAWA CREEK, ROCKY/CLEARWATER FOREST, 1986
MAY 14, 1986 - SEPTEMBER 27, 1986

| DAY | MAY | JUNE | JULY | AUG | SEPT | OCT |
|---|---|---|---|---|---|---|
| 1 | ..... | 0.462 | 2.030 | 1.500 | 0.355 | ..... |
| 2 | ..... | 0.396 | 1.239 | 1.273 | 0.350 | ..... |
| 3 | ..... | 0.355 | 0.959 | 1.137 | 0.425 | ..... |
| 4 | ..... | 0.347 | 0.970 | 1.476 | 0.611 | ..... |
| 5 | ..... | 0.344 | 1.185 | 1.260 | 0.961 | ..... |
| 6 | ..... | 0.389 | 1.715 | 1.193 | 0.683 | ..... |
| 7 | ..... | 0.387 | 1.502 | 0.968 | 0.520 | ..... |
| 8 | ..... | 0.386 | 1.910 | 0.867 | 0.447 | ..... |
| 9 | ..... | 0.386 | 2.515 | 0.803 | 0.412 | ..... |
| 10 | ..... | 0.371 | 2.462 | 0.735 | 0.447 | ..... |
| 11 | ..... | 0.436 | 1.634 | 0.689 | 1.631 | ..... |
| 12 | ..... | 0.508 | 1.737 | 0.655 | 1.265 | ..... |
| 13 | ..... | 0.442 | 1.484 | 0.705 | 0.990 | ..... |
| 14 | ..... 0.667 | 0.402 | 1.129 | 0.620 | 0.860 | ..... |
| 15 | ..... 0.617 | 0.474 | 2.841 | 0.551 | 0.741 | ..... |
| 16 | ..... 0.702 | 0.479 | ..... | 0.505 | 0.752 | ..... |
| 17 | ..... 0.856 | 0.416 | ..... | 0.473 | 0.788 | ..... |
| 18 | ..... 0.851 | 0.384 | ..... | 0.433 | 0.747 | ..... |
| 19 | ..... 0.818 | 0.957 | ..... | 0.424 | 0.677 | ..... |
| 20 | ..... 0.812 | 0.877 | 14.169 | 0.411 | 0.609 | ..... |
| 21 | ..... 0.884 | 0.637 | 6.400 | 0.387 | 0.579 | ..... |
| 22 | ..... 1.635 | 0.516 | 3.920 | 0.373 | 0.531 | ..... |
| 23 | ..... 2.301 | 0.464 | 6.349 | 0.363 | 0.511 | ..... |
| 24 | ..... 2.017 | 0.417 | 4.404 | 0.393 | 0.506 | ..... |
| 25 | ..... 1.458 | 0.405 | 3.066 | 0.604 | 0.868 | ..... |
| 26 | ..... 1.181 | 0.386 | 2.808 | 0.510 | 3.573 | ..... |
| 27 | ..... 1.001 | 0.351 | 2.847 | 0.429 | 2.846 | ..... |
| 28 | ..... 0.860 | 0.380 | 2.174 | 0.384 | ..... | |
| 29 | ..... 0.735 | 0.973 | 3.481 | 0.360 | ..... | |
| 30 | ..... 0.634 | 3.001 | 2.589 | 0.398 | ..... | |
| 31 | ..... 0.525 | ..... | 1.827 | 0.396 | ..... | |
| MEAN | 1.031 | 0.558 | 2.939 | 0.686 | 0.877 | |
| MAX. | 2.301 | 3.001 | 14.169 | 1.500 | 3.573 | |
| MIN. | 0.525 | 0.344 | 0.959 | 0.360 | 0.350 | |
| DAM^3 | 0.019 | 0.017 | 0.079 | 0.021 | 0.024 | |

TOTAL SEASONAL FLOW= 0.160 DAM^3
MEAN DAILY DISCHARGE= 1.200
MAX. DAILY DISCHARGE= 14.169 MAX. INST. FLOW=
MIN. DAILY DISCHARGE= 0.344 MIN. INST. FLOW= 0.332

DRAINAGE AREA: 6281 HA LOCATION: 12-16-43-15-W5
PHASE 3 CODE: H13 D15 E1 LAT/LON: 52 42'/116 08'
RATING CURVE: FLOW=.002*STAGE^14.546
COMMENTS: STEVENS GAUGE, ISCO